Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
Data File : FE054444.D
Signal(s) : FID1B.ch
Acq On : 17 Jun 2025 15:00
Operator : YP\AJ
Sample : PB168506BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB168506BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
Quant Time: Jun 18 01:22:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
Quant Title : GC Extractables
QLast Update : Tue Jun 10 07:24:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.825	6309599	38.186 ug/ml
Spiked Amount	50.000		Recovery =	76.37%
12) S	1-chlorooctadecane (S...	13.271	5051693	41.425 ug/mlm
Spiked Amount	50.000		Recovery =	82.85%
	Target Compounds			
1) T	n-Nonane (C9)	3.181	4198750	33.812 ug/ml
2) T	n-Decane (C10)	4.440	4235623	34.089 ug/ml
3) T	A~Naphthalene (C11.7)	6.151	5414852	40.068 ug/ml
4) T	n-Dodecane (C12)	6.618	4503095	35.365 ug/ml
5) T	A~2-methylnaphthalene...	7.253	4997234	37.728 ug/ml
6) T	n-Tetradecane (C14)	8.453	4766943	36.820 ug/ml
7) T	n-Hexadecane (C16)	10.064	5107841	38.451 ug/ml
8) T	n-Octadecane (C18)	11.511	5253440	38.905 ug/ml
10) T	n-Eicosane (C20)	12.824	5451699	40.752 ug/ml
11) T	n-Heneicosane (C21)	13.438	5231000	39.340 ug/ml
13) T	n-Docosane (C22)	14.025	5185985	39.551 ug/ml
14) T	n-Tetracosane (C24)	15.126	11360666	88.071 ug/ml
15) T	n-Hexacosane (C26)	16.154	5027160	40.048 ug/ml
16) T	n-Octacosane (C28)	17.104	5273402	43.002 ug/mlm
17) T	n-Tricontane (C30)	17.995	4947664	39.919 ug/ml
18) T	n-Dotriacontane (C32)	18.826	5228820	41.616 ug/mlm
19) T	n-Tetratriacontane (C34)	19.612	4854180	39.019 ug/mlm
20) T	n-Hexatriacontane (C36)	20.352	4575635	35.544 ug/mlm
21) T	n-Octatriacontane (C38)	21.079	4207439	31.864 ug/ml
22) T	n-Tetracontane (C40)	21.966	3813259	28.308 ug/mlm

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
Data File : FE054444.D
Signal(s) : FID1B.ch
Acq On : 17 Jun 2025 15:00
Operator : YP\AJ
Sample : PB168506BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jun 18 01:22:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.
Quant Title : GC Extractables
QLast Update : Tue Jun 10 07:24:04 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
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ClientSampleId :
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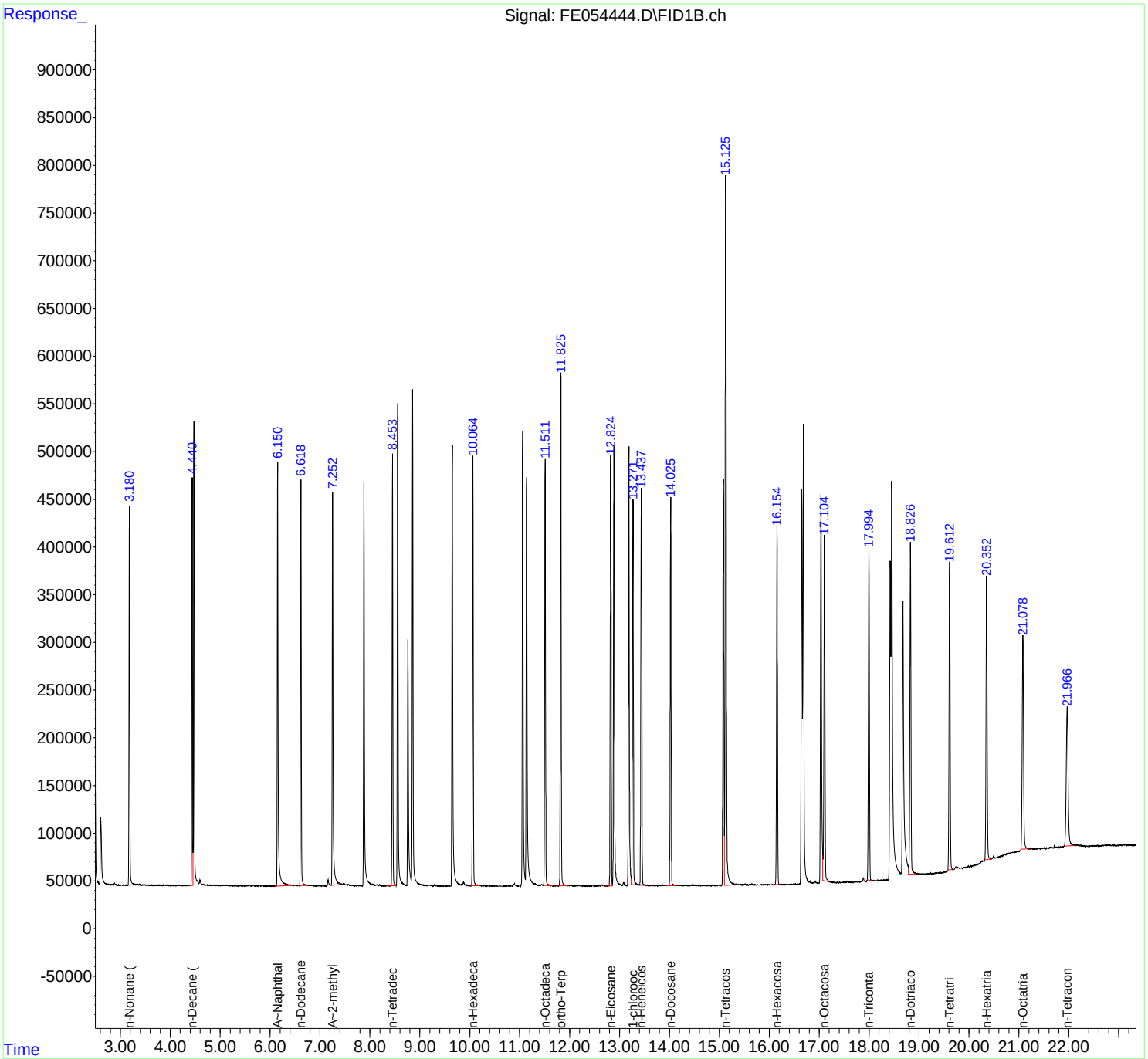

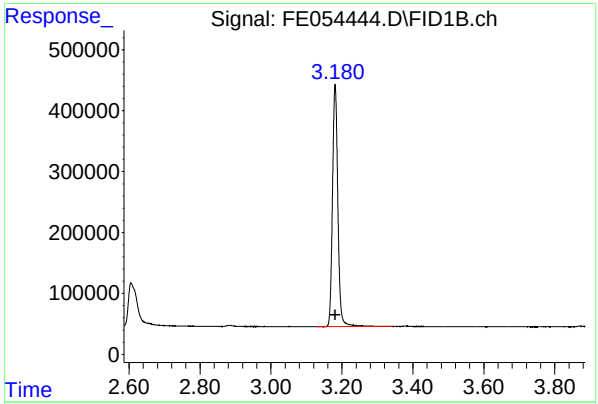

#1 n-Nonane (C9)

R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 4198750
Conc: 33.81 ug/ml

Instrument :
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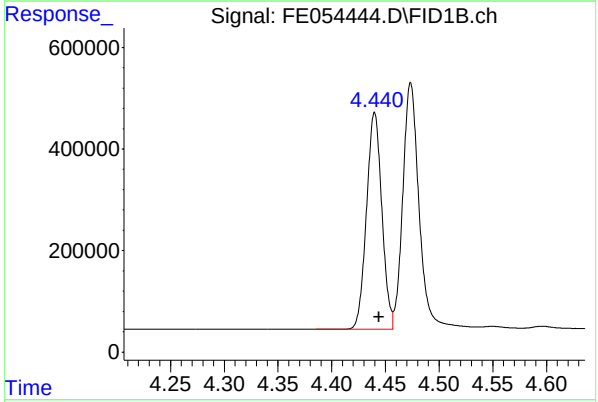
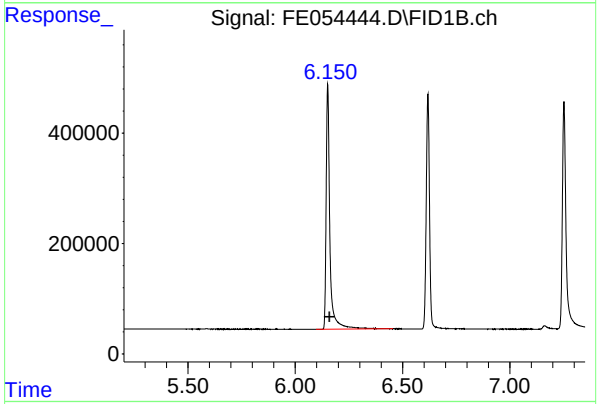


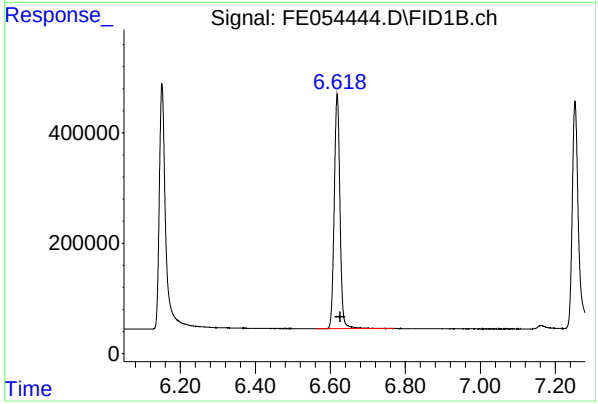
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.004 min
Response: 4235623
Conc: 34.09 ug/ml



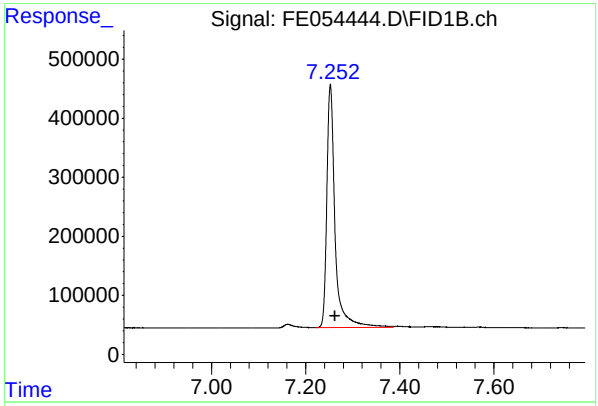
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 5414852
Conc: 40.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 4503095
Conc: 35.36 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.010 min
Response: 4997234
Conc: 37.73 ug/ml

Instrument :
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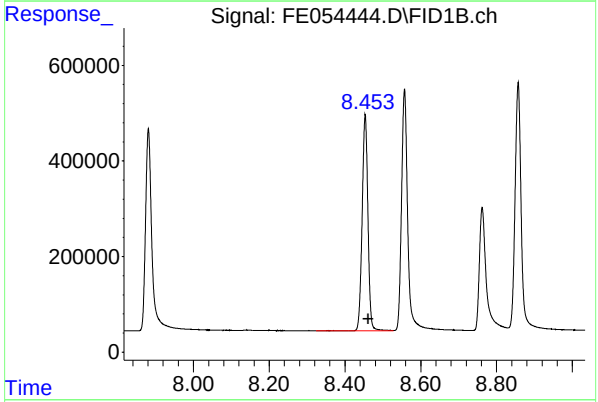
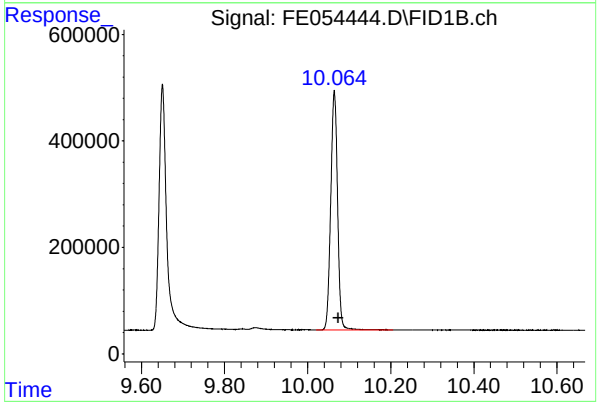


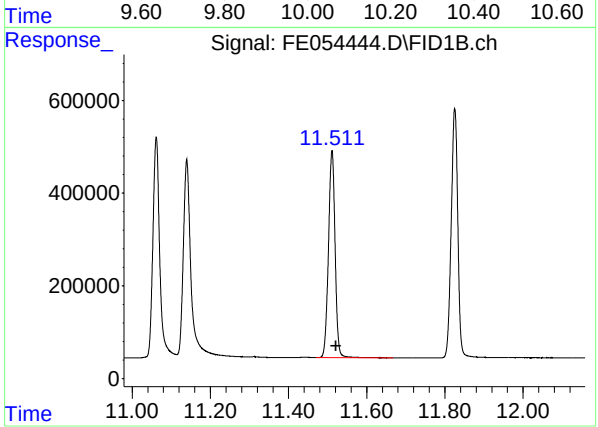
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 4766943
Conc: 36.82 ug/ml



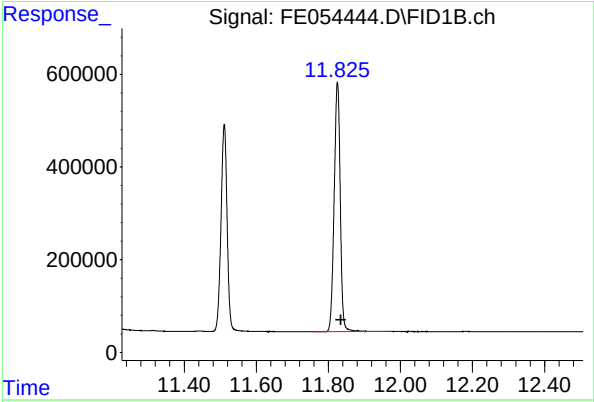
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.010 min
Response: 5107841
Conc: 38.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 5253440
Conc: 38.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 6309599
Conc: 38.19 ug/ml

Instrument :
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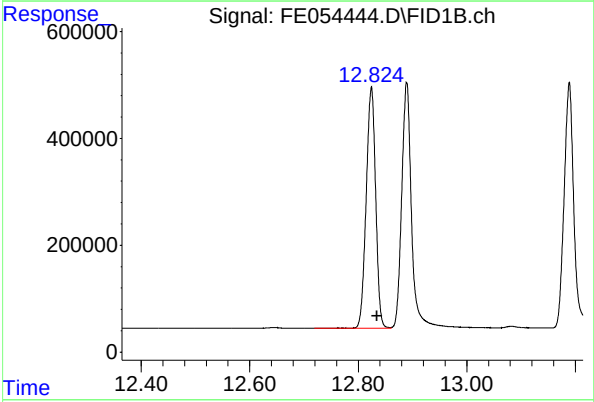
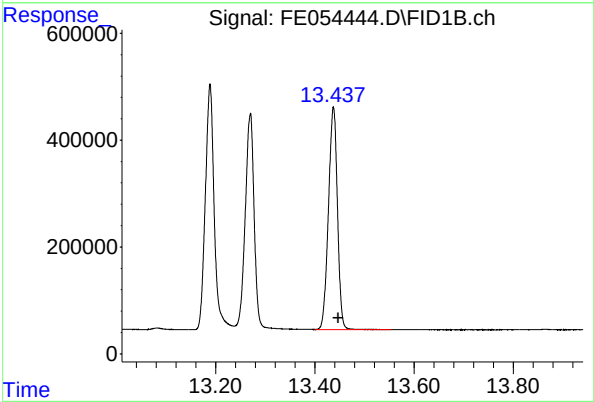


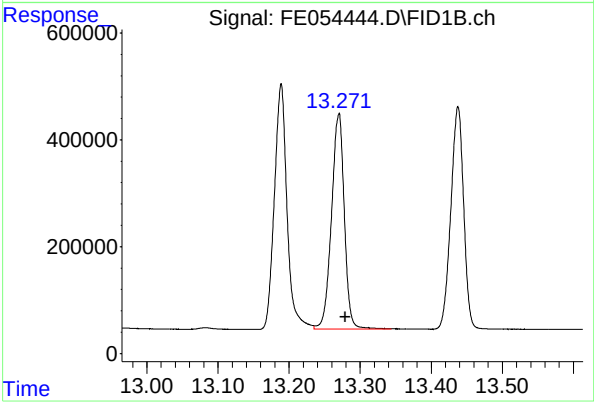
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 5451699
Conc: 40.75 ug/ml



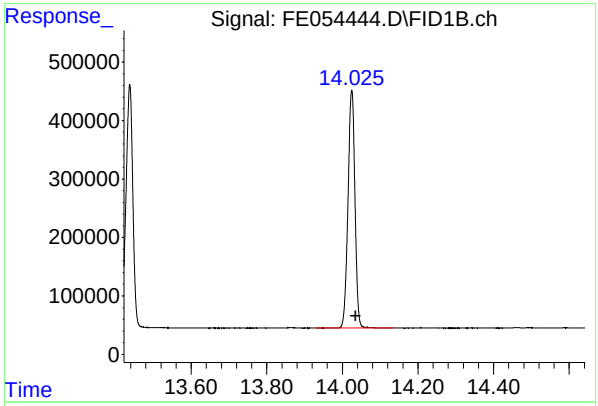
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 5231000
Conc: 39.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.009 min
Response: 5051693
Conc: 41.42 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.011 min
Response: 5185985
Conc: 39.55 ug/ml

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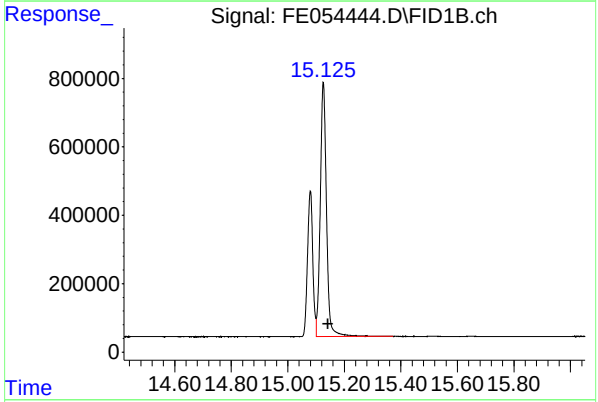
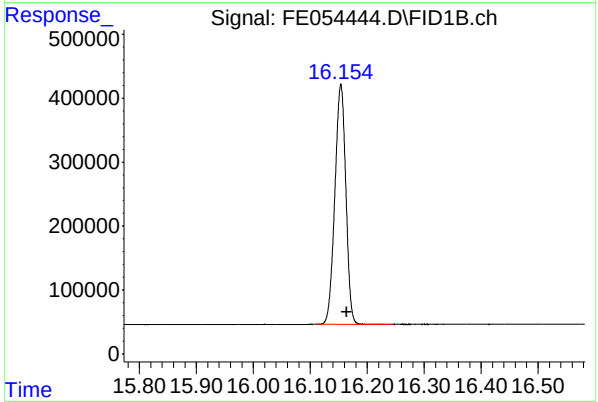


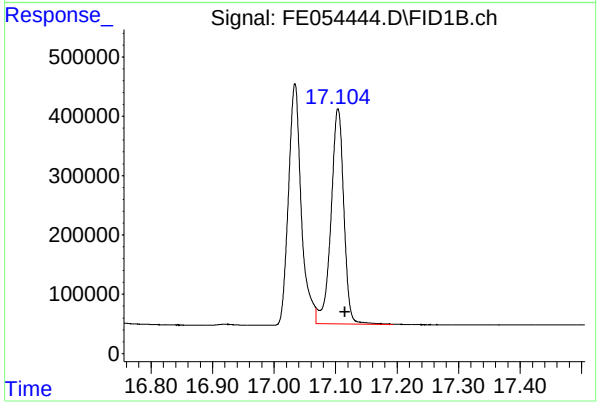
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.016 min
Response: 11360666
Conc: 88.07 ug/ml



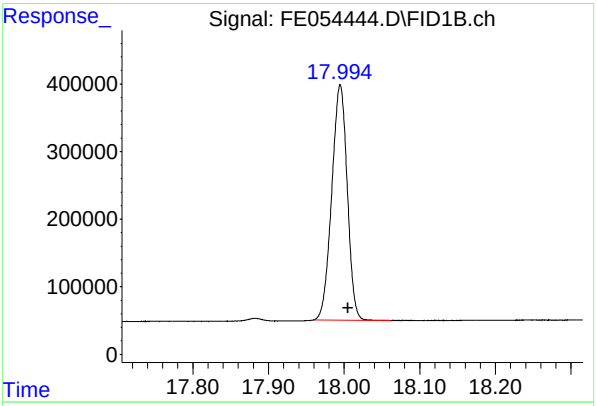
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 5027160
Conc: 40.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.011 min
Response: 5273402
Conc: 43.00 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.010 min
Response: 4947664
Conc: 39.92 ug/ml

Instrument :
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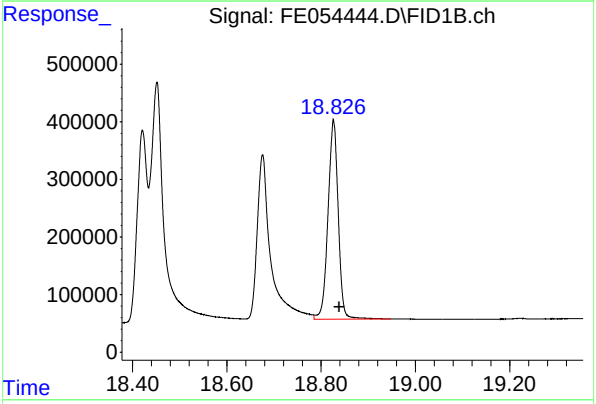
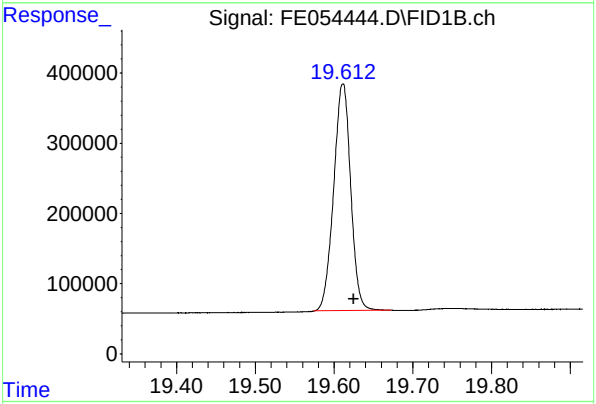


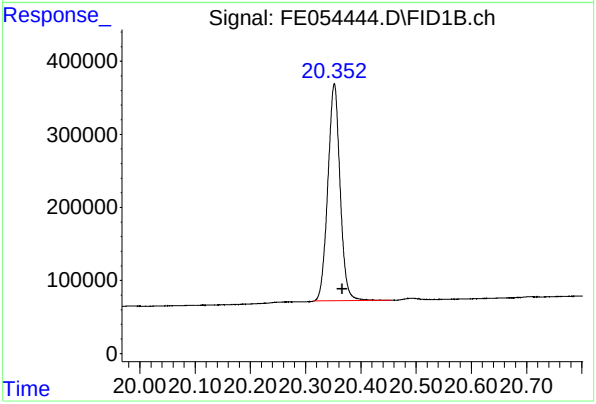
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.013 min
Response: 5228820
Conc: 41.62 ug/ml m



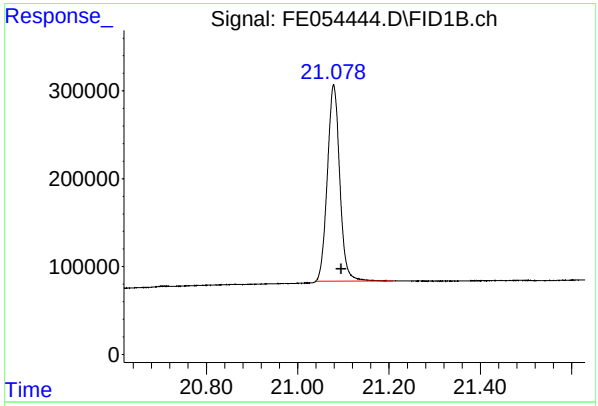
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.014 min
Response: 4854180
Conc: 39.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 4575635
Conc: 35.54 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.017 mi
Response: 4207439
Conc: 31.86 ug/m

Instrument :
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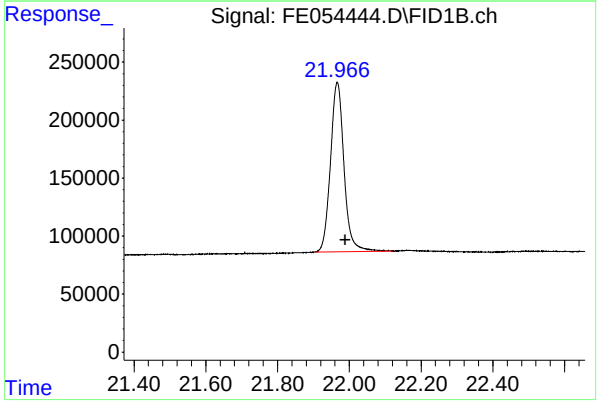

#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.022 min
Response: 3813259
Conc: 28.31 ug/ml m