Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
Data File : FE050017.D
Signal(s) : FID1B.ch
Acq On : 11 Sep 2024 00:38
Operator : YP\AJ
Sample : PB163248BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB163248BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2024
Supervised By :Ankita Jodhani 09/11/2024

Integration File: autoint1.e
Quant Time: Sep 11 03:20:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
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)	11.877	6366039	42.788 ug/ml
Spiked Amount	50.000		Recovery =	85.58%
12) S	1-chlorooctadecane (S...	13.310	5231492	46.574 ug/ml
Spiked Amount	50.000		Recovery =	93.15%
	Target Compounds			
1) T	n-Nonane (C9)	3.275	6736038	49.696 ug/ml
2) T	n-Decane (C10)	4.522	7310793	52.972 ug/ml
3) T	A~Naphthalene (C11.7)	6.225	7709129	55.077 ug/ml
4) T	n-Dodecane (C12)	6.684	7726975	55.878 ug/ml
5) T	A~2-methylnaphthalene...	7.320	7455852	56.725 ug/ml
6) T	n-Tetradecane (C14)	8.513	7764705	57.021 ug/ml
7) T	n-Hexadecane (C16)	10.117	7645995	55.046 ug/ml
8) T	n-Octadecane (C18)	11.559	7769296	55.455 ug/ml
10) T	n-Eicosane (C20)	12.867	7762391	57.866 ug/ml
11) T	n-Heneicosane (C21)	13.477	7536887	57.360 ug/ml
13) T	n-Docosane (C22)	14.063	7437557	57.117 ug/ml
14) T	n-Tetracosane (C24)	15.160	13646965	104.502 ug/ml
15) T	n-Hexacosane (C26)	16.185	7244029	56.621 ug/ml
16) T	n-Octacosane (C28)	17.132	8065969	62.620 ug/ml
17) T	n-Tricontane (C30)	18.019	7470813	55.869 ug/ml
18) T	n-Dotriacontane (C32)	18.851	7553260	56.682 ug/mlm
19) T	n-Tetratriacontane (C34)	19.633	7875209	63.735 ug/ml
20) T	n-Hexatriacontane (C36)	20.372	7972039	71.853 ug/ml
21) T	n-Octatriacontane (C38)	21.099	8086294	73.325 ug/ml
22) T	n-Tetracontane (C40)	21.991	7764625	71.356 ug/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091124AL\
Data File : FE050017.D
Signal(s) : FID1B.ch
Acq On : 11 Sep 2024 00:38
Operator : YP\AJ
Sample : PB163248BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

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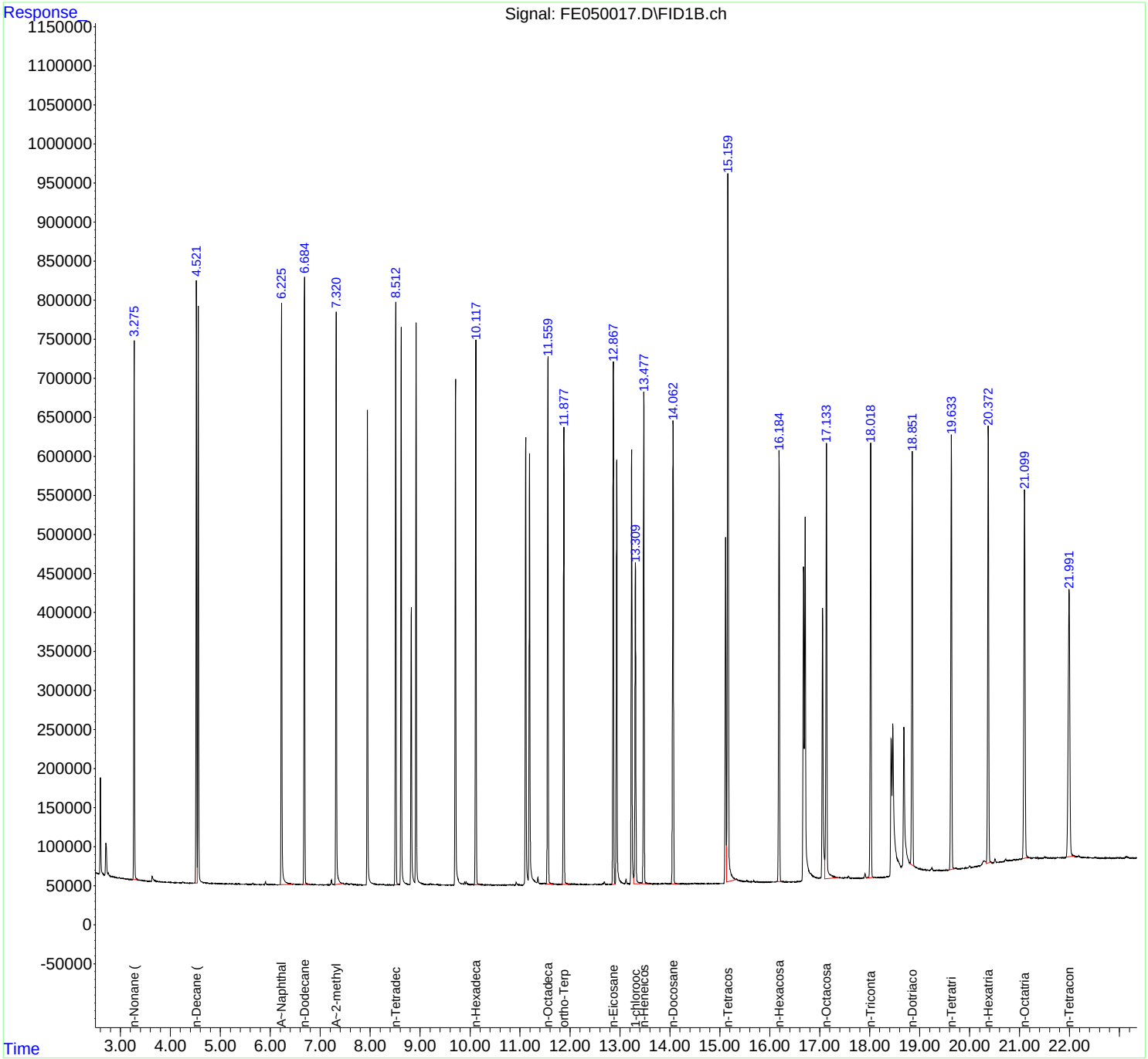
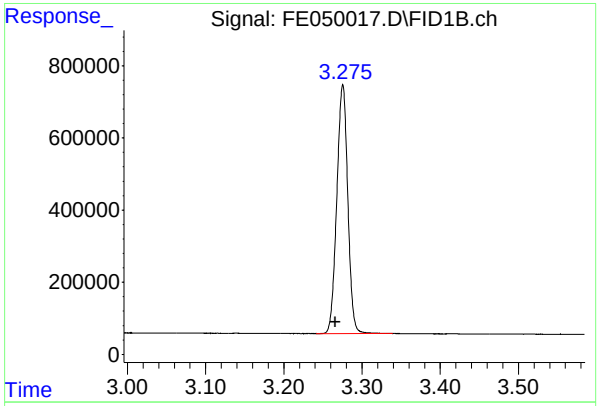
Integration File: autoint1.e
Quant Time: Sep 11 03:20:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: 0.009 min
Response: 6736038
Conc: 49.70 ug/ml

Instrument :
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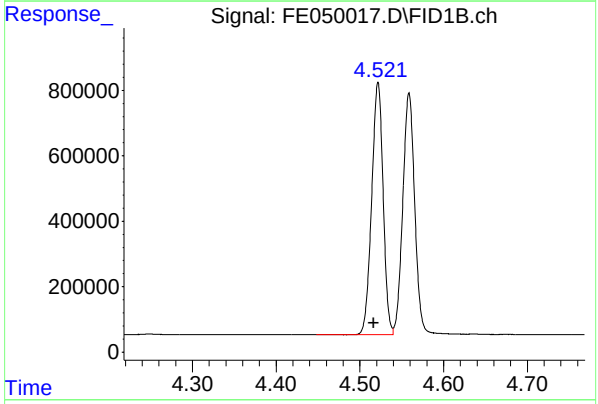
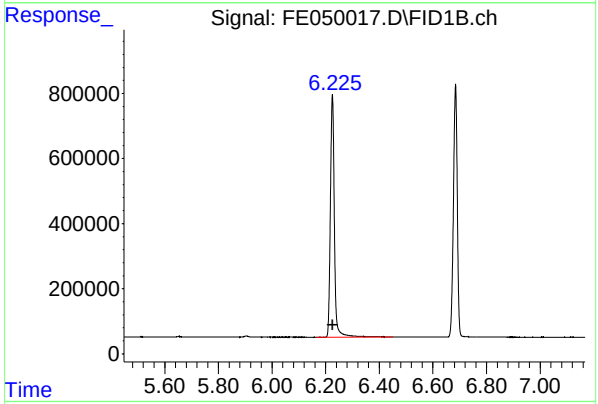


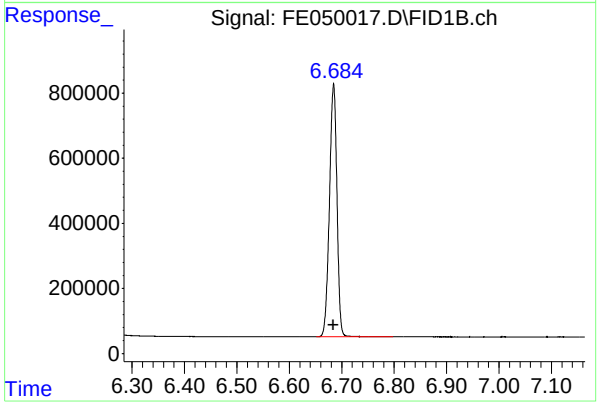
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.005 min
Response: 7310793
Conc: 52.97 ug/ml



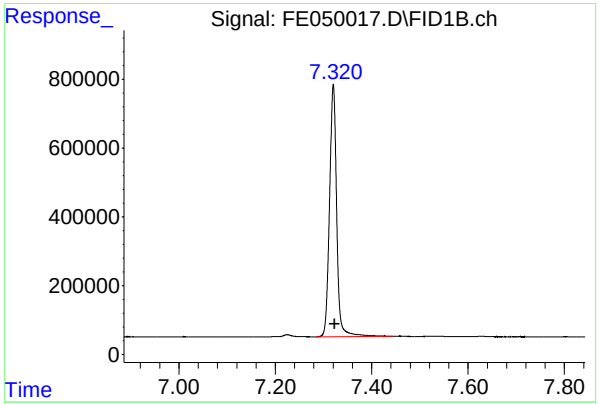
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 7709129
Conc: 55.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 7726975
Conc: 55.88 ug/ml



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

R.T.: 7.320 min
Delta R.T.: -0.003 min
Response: 7455852
Conc: 56.73 ug/ml

Instrument :
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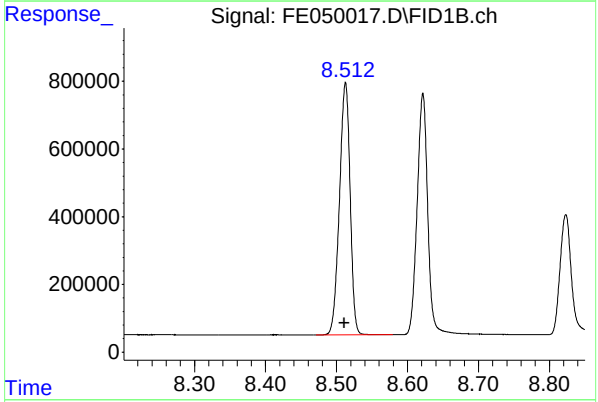
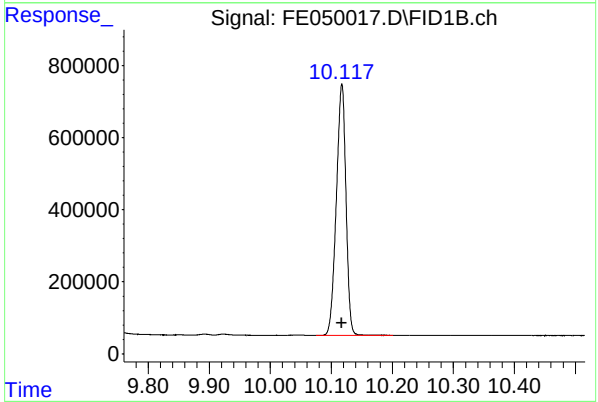


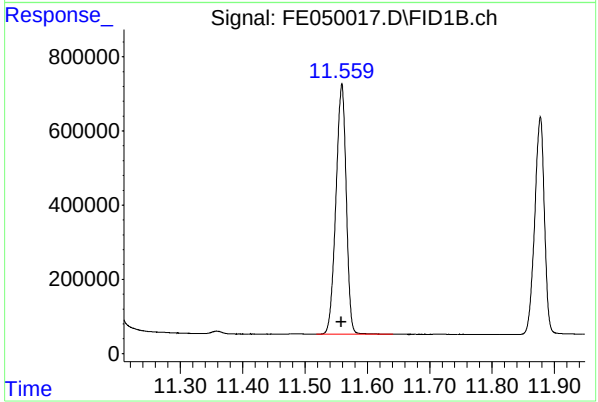
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 7764705
Conc: 57.02 ug/ml



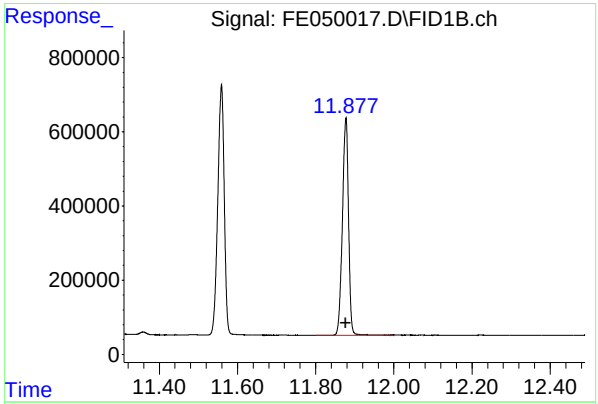
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 7645995
Conc: 55.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 7769296
Conc: 55.45 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.000 min
Response: 6366039
Conc: 42.79 ug/ml

Instrument :
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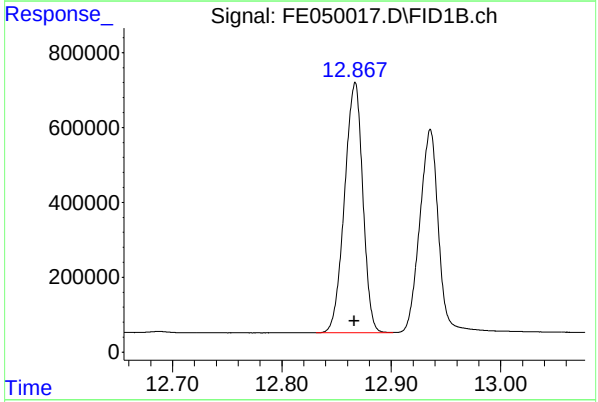
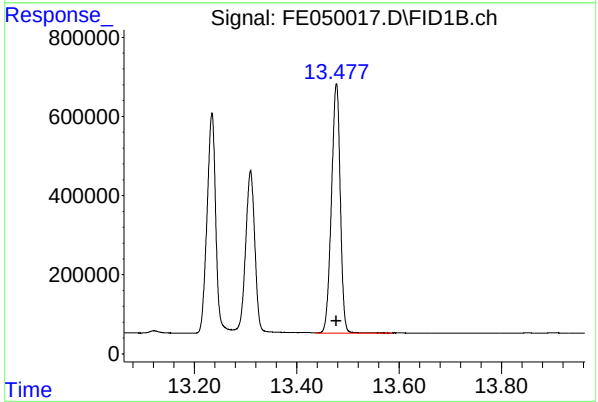


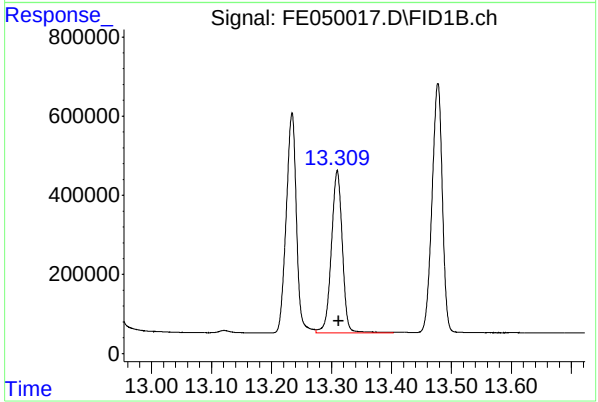
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 7762391
Conc: 57.87 ug/ml



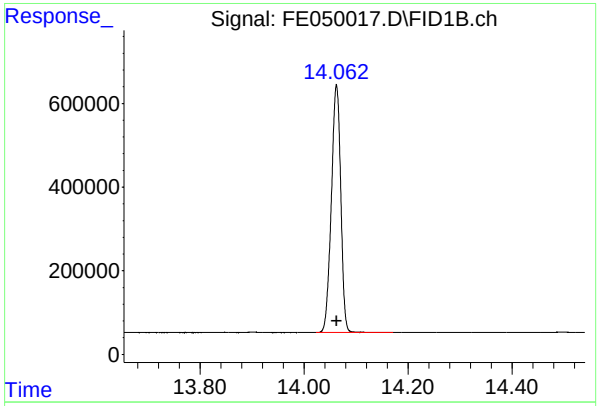
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 7536887
Conc: 57.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: -0.002 min
Response: 5231492
Conc: 46.57 ug/ml



#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 7437557
Conc: 57.12 ug/ml

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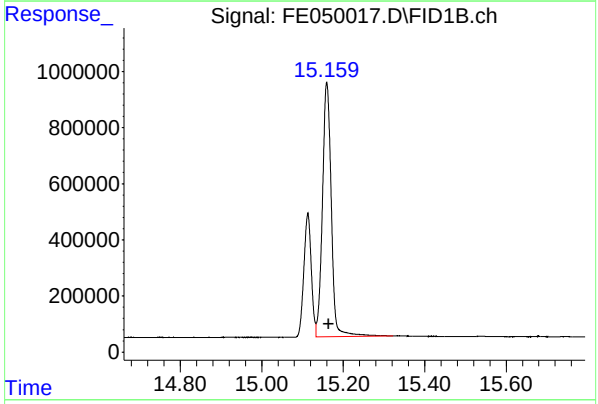
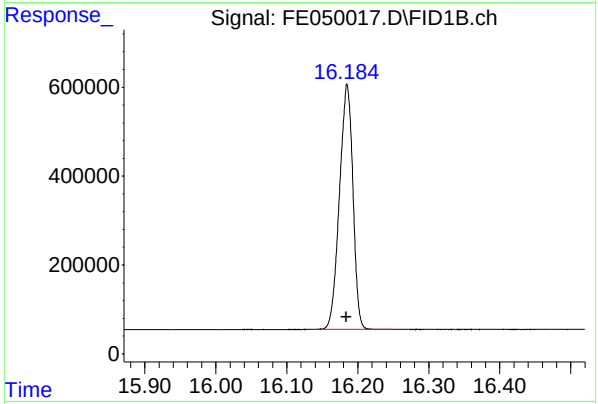


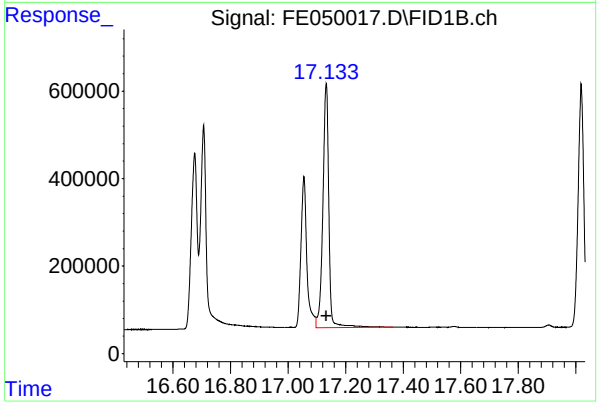
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.004 min
Response: 13646965
Conc: 104.50 ug/ml



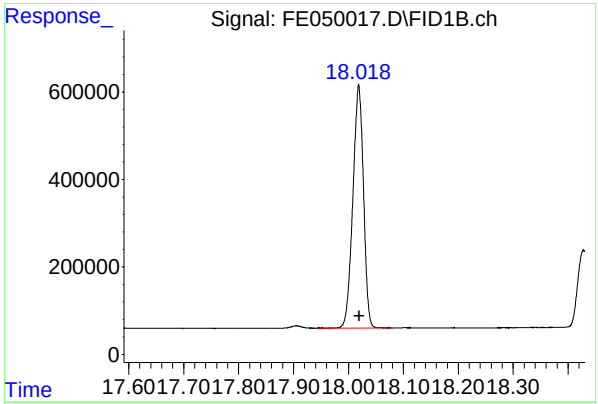
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.001 min
Response: 7244029
Conc: 56.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 8065969
Conc: 62.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.001 mi
Response: 7470813
Conc: 55.87 ug/ml

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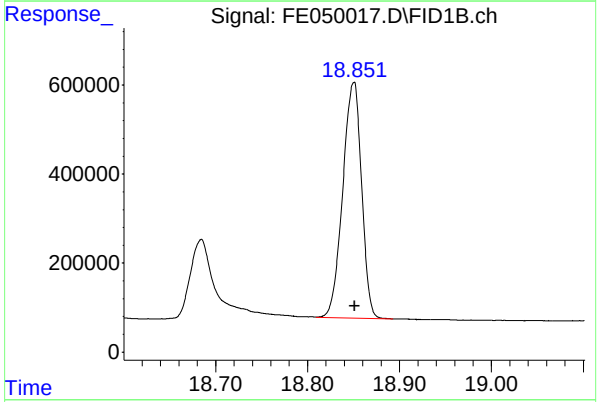
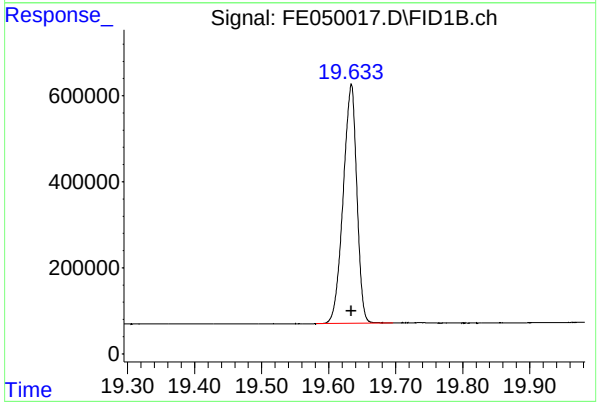


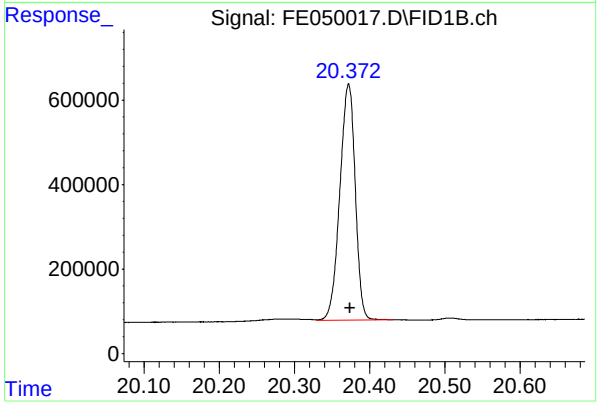
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.000 min
Response: 7553260
Conc: 56.68 ug/ml m



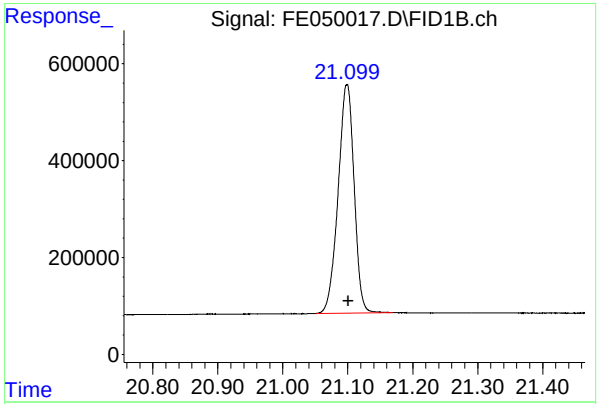
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: 0.000 min
Response: 7875209
Conc: 63.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.002 min
Response: 7972039
Conc: 71.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.002 min
Response: 8086294
Conc: 73.33 ug/ml

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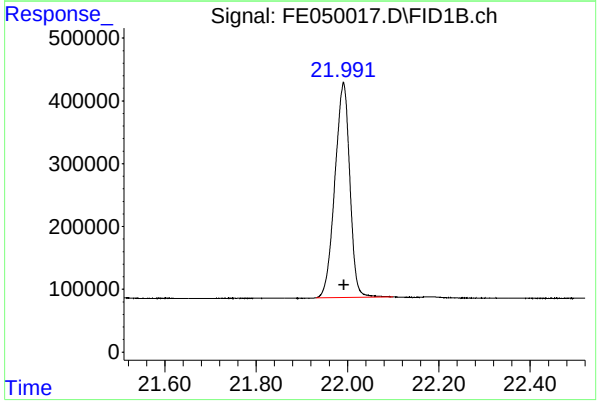

#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.001 min
Response: 7764625
Conc: 71.36 ug/ml