

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057247.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 14:25
 Operator : YP\AJ
 Sample : Q3795-05MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RBR 200059MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2025
 Supervised By :mohammad ahmed 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 00:18:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.933	6769759	30.850 ug/ml
Spiked Amount 50.000		Recovery =	61.70%
12) S 1-chlorooctadecane (S...	13.369	4711878	28.312 ug/ml
Spiked Amount 50.000		Recovery =	56.62%
Target Compounds			
1) T n-Nonane (C9)	3.288	3173320	16.223 ug/ml
2) T n-Decane (C10)	4.543	3648131	18.037 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4950934	24.591 ug/ml
4) T n-Dodecane (C12)	6.716	4357951	21.352 ug/ml
5) T A~2-methylnaphthalene...	7.361	4817388	25.071 ug/ml
6) T n-Tetradecane (C14)	8.551	4970031	24.692 ug/ml
7) T n-Hexadecane (C16)	10.161	5354497	26.110 ug/ml
8) T n-Octadecane (C18)	11.609	5415541	26.275 ug/ml
10) T n-Eicosane (C20)	12.922	5461758	27.765 ug/ml
11) T n-Heneicosane (C21)	13.535	5333515	27.761 ug/ml
13) T n-Docosane (C22)	14.123	5300538	27.458 ug/ml
14) T n-Tetracosane (C24)	15.232	12016164	60.670 ug/ml
15) T n-Hexacosane (C26)	16.254	5116414	25.790 ug/ml
16) T n-Octacosane (C28)	17.205	6761778	32.904 ug/mlm
17) T n-Tricontane (C30)	18.096	5008296	22.316 ug/ml
18) T n-Dotriacontane (C32)	18.928	4721993	20.228 ug/ml
19) T n-Tetratriacontane (C34)	19.713	4599786	21.536 ug/ml
20) T n-Hexatriacontane (C36)	20.456	4440181	23.855 ug/ml
21) T n-Octatriacontane (C38)	21.201	4488247	25.898 ug/ml
22) T n-Tetracontane (C40)	22.129	4538971	26.935 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 34 Sample Multiplier: 1

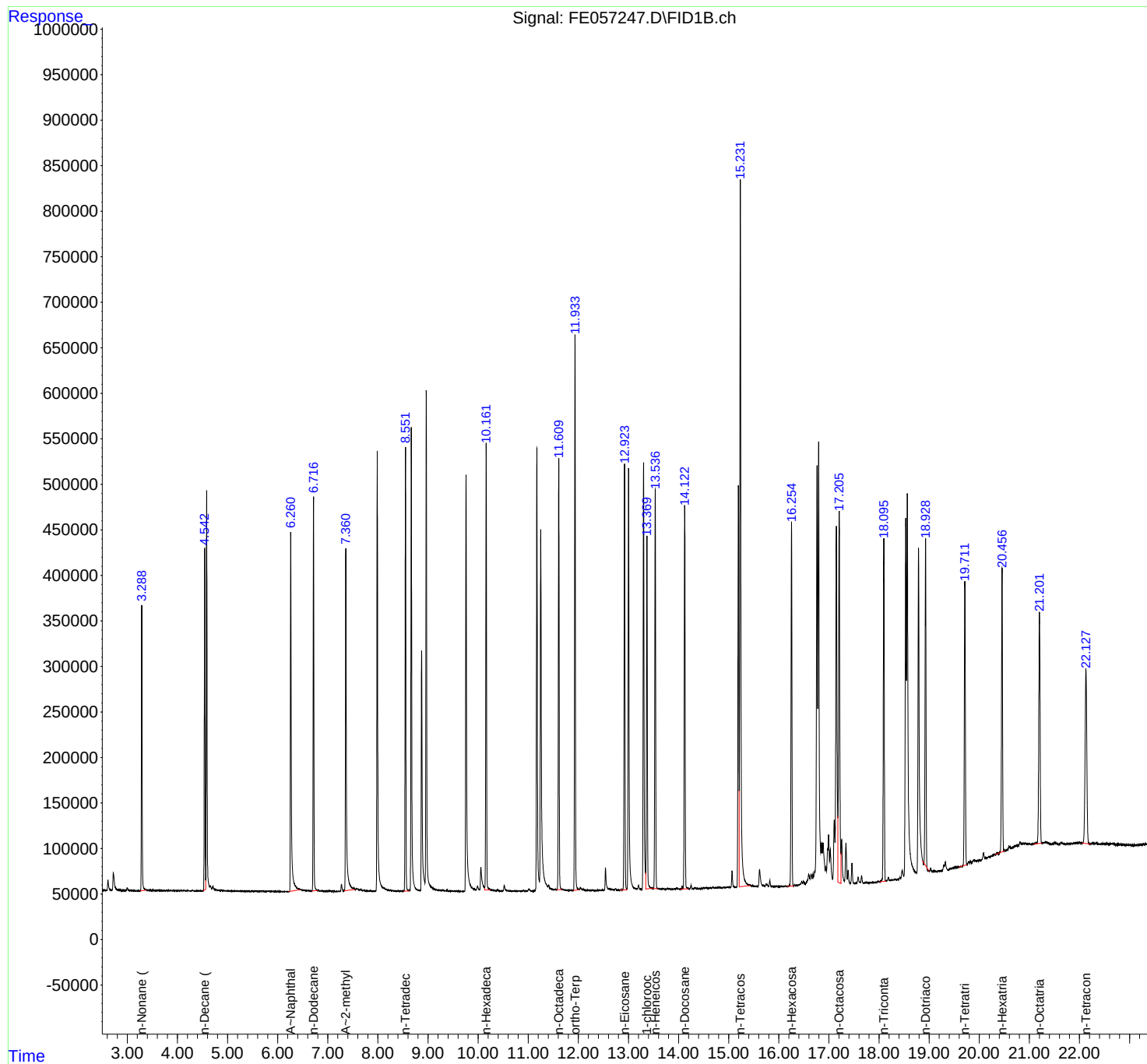
Instrument :
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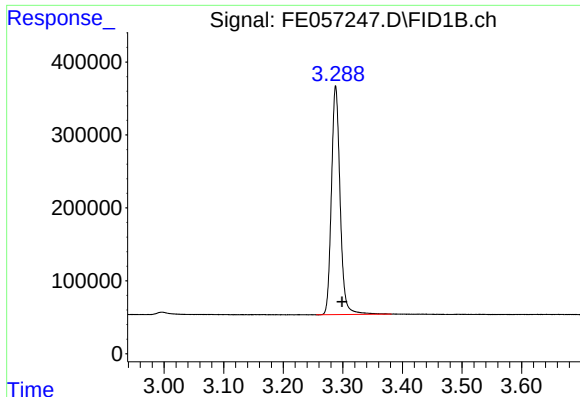
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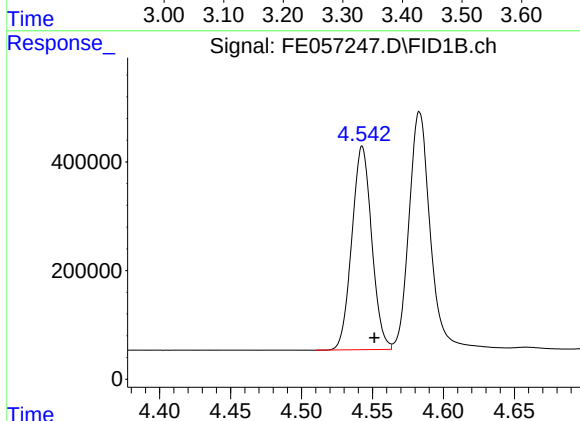
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 3173320
Conc: 16.22 ug/ml

Instrument :
FID_E
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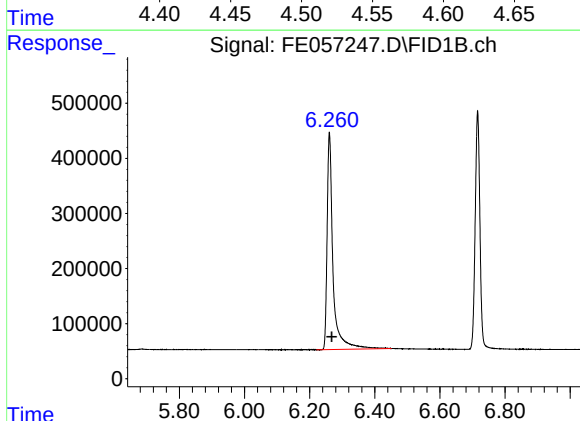
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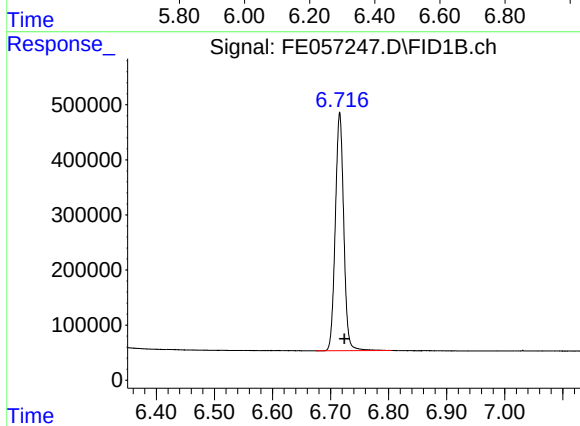
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 3648131
Conc: 18.04 ug/ml



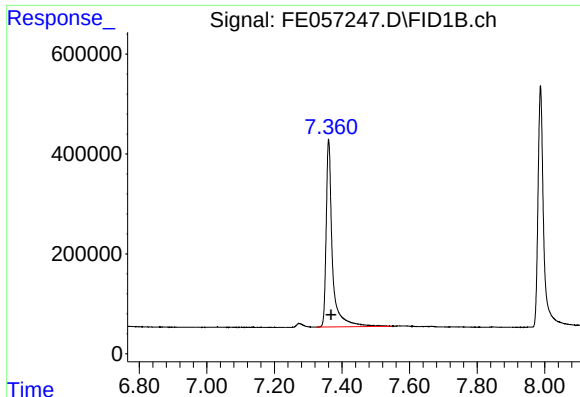
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4950934
Conc: 24.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 4357951
Conc: 21.35 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 4817388
Conc: 25.07 ug/ml

Instrument :

FID_E

ClientSampleId :

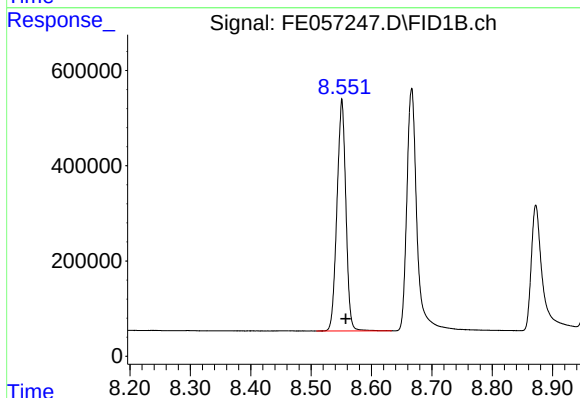
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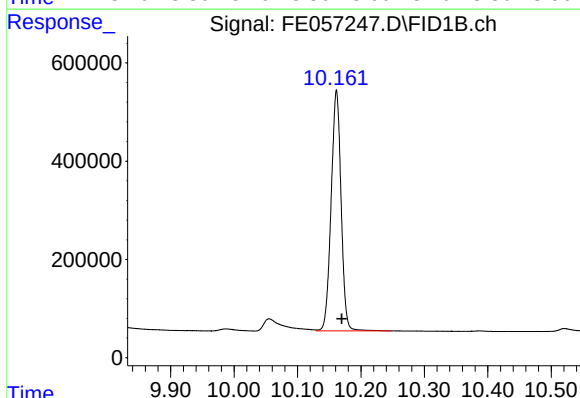
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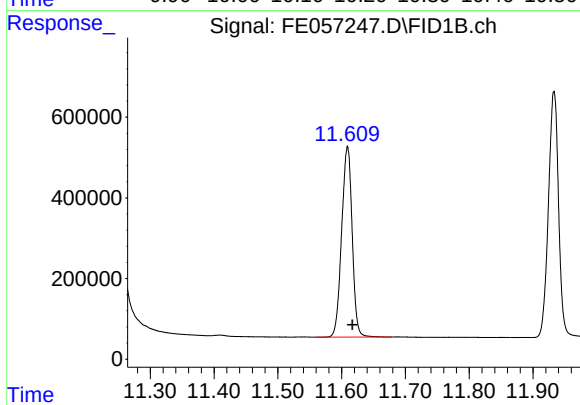
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.007 min
Response: 4970031
Conc: 24.69 ug/ml



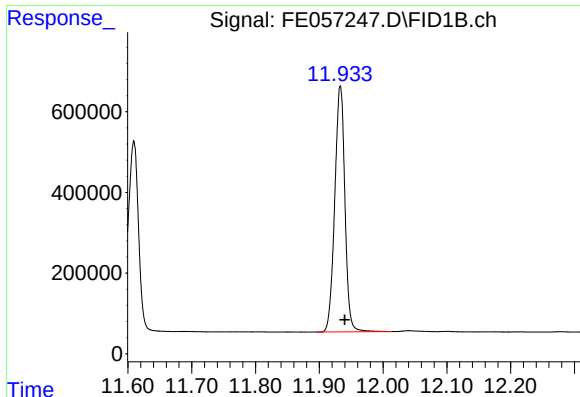
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.008 min
Response: 5354497
Conc: 26.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 5415541
Conc: 26.27 ug/ml



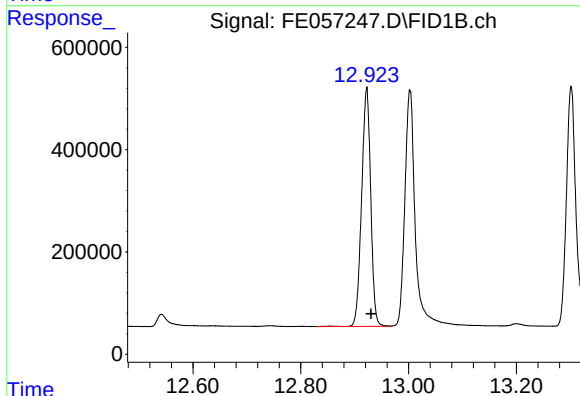
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 6769759
Conc: 30.85 ug/ml

Instrument :
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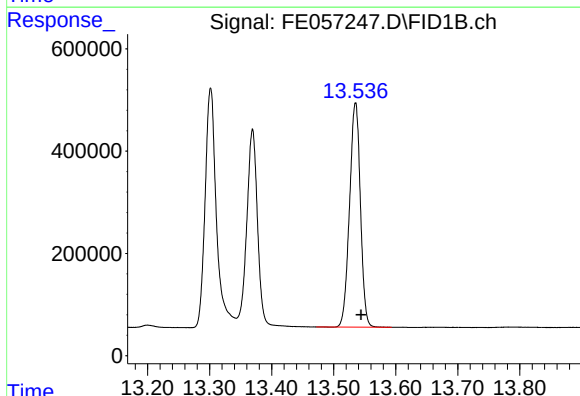
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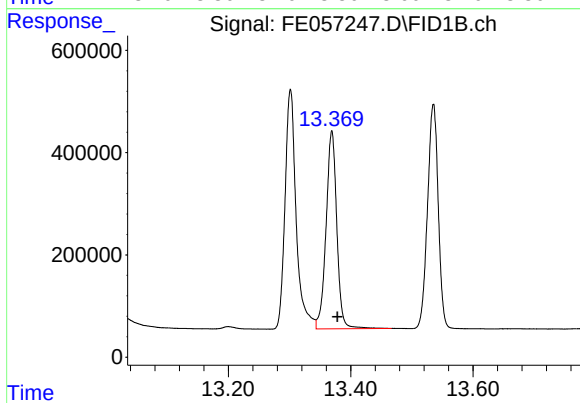
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.009 min
Response: 5461758
Conc: 27.77 ug/ml



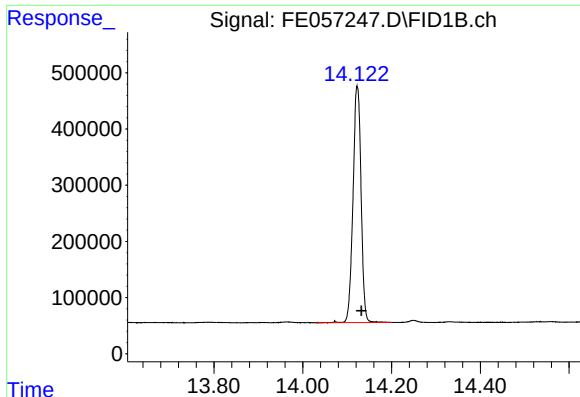
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.009 min
Response: 5333515
Conc: 27.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.009 min
Response: 4711878
Conc: 28.31 ug/ml



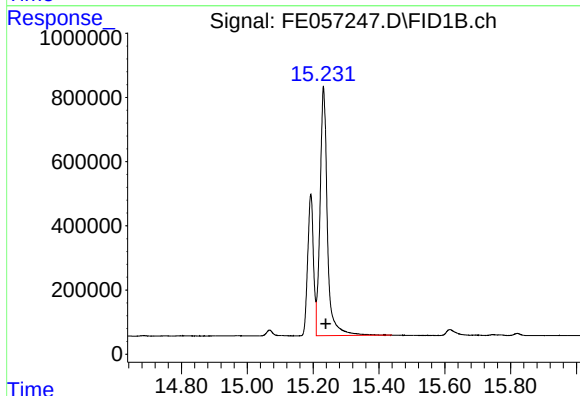
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.009 min
Response: 5300538
Conc: 27.46 ug/ml

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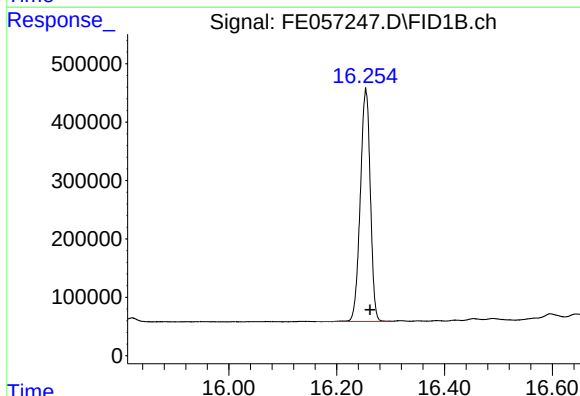
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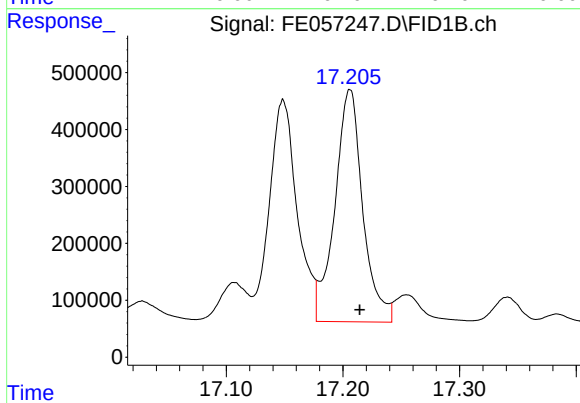
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.007 min
Response: 12016164
Conc: 60.67 ug/ml



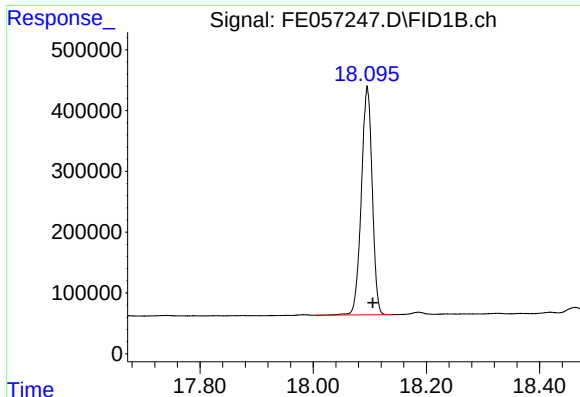
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.008 min
Response: 5116414
Conc: 25.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.009 min
Response: 6761778
Conc: 32.90 ug/ml m



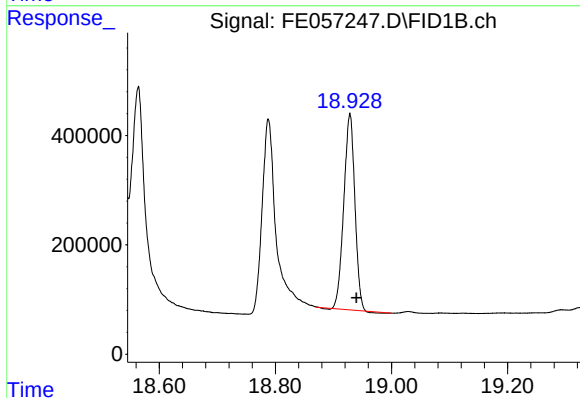
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 5008296
Conc: 22.32 ug/ml

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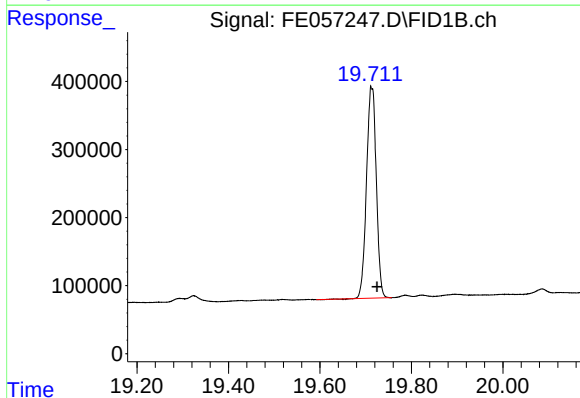
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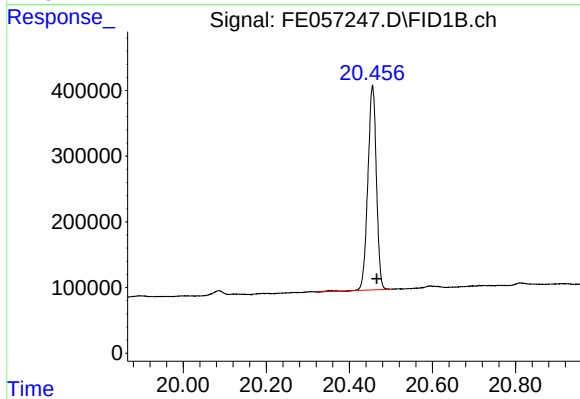
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 4721993
Conc: 20.23 ug/ml



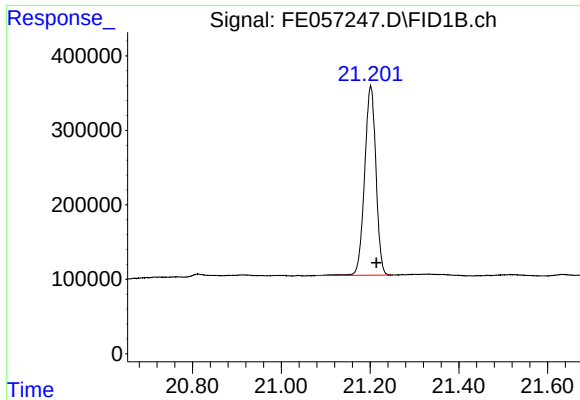
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.011 min
Response: 4599786
Conc: 21.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.010 min
Response: 4440181
Conc: 23.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 4488247
Conc: 25.90 ug/ml

Instrument :

FID_E

ClientSampleId :

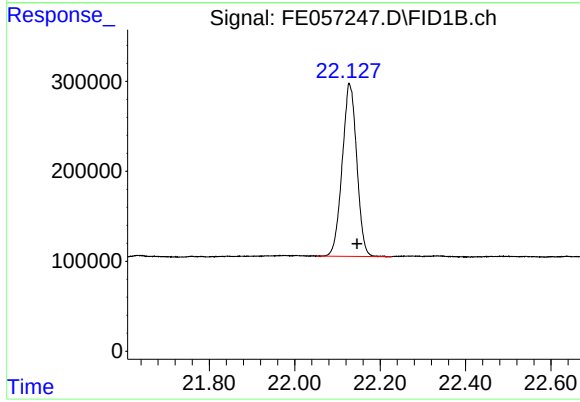
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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.018 min
Response: 4538971
Conc: 26.94 ug/ml