

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057167.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 17:40
 Operator : YP\AJ
 Sample : Q3753-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-334-337MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 05 00:24:40 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)	11.956	9002811	41.026 ug/mlm
Spiked Amount 50.000		Recovery =	82.05%
12) S 1-chlorooctadecane (S...	13.392	4408023	26.486 ug/mlm
Spiked Amount 50.000		Recovery =	52.97%
Target Compounds			
1) T n-Nonane (C9)	3.291	2706338	13.835 ug/ml
2) T n-Decane (C10)	4.545	3212686	15.884 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4595176	22.824 ug/ml
4) T n-Dodecane (C12)	6.719	4385521	21.488 ug/ml
5) T A~2-methylnaphthalene...	7.363	4536321	23.608 ug/ml
6) T n-Tetradecane (C14)	8.558	5417542	26.916 ug/ml
7) T n-Hexadecane (C16)	10.179	5126440	24.998 ug/ml
8) T n-Octadecane (C18)	11.635	6465998	31.371 ug/mlm
10) T n-Eicosane (C20)	12.949	6372318	32.394 ug/mlm
11) T n-Heneicosane (C21)	13.557	5063452	26.355 ug/ml
13) T n-Docosane (C22)	14.140	5325606	27.588 ug/ml
14) T n-Tetracosane (C24)	15.243	11255960	56.832 ug/ml
15) T n-Hexacosane (C26)	16.260	4821835	24.305 ug/ml
16) T n-Octacosane (C28)	17.210	5083790	24.739 ug/ml
17) T n-Tricontane (C30)	18.099	4491334	20.013 ug/ml
18) T n-Dotriacontane (C32)	18.932	4339703	18.591 ug/ml
19) T n-Tetratriacontane (C34)	19.717	4151466	19.437 ug/ml
20) T n-Hexatriacontane (C36)	20.458	4015478	21.573 ug/ml
21) T n-Octatriacontane (C38)	21.205	4037300	23.296 ug/ml
22) T n-Tetracontane (C40)	22.132	4194481	24.891 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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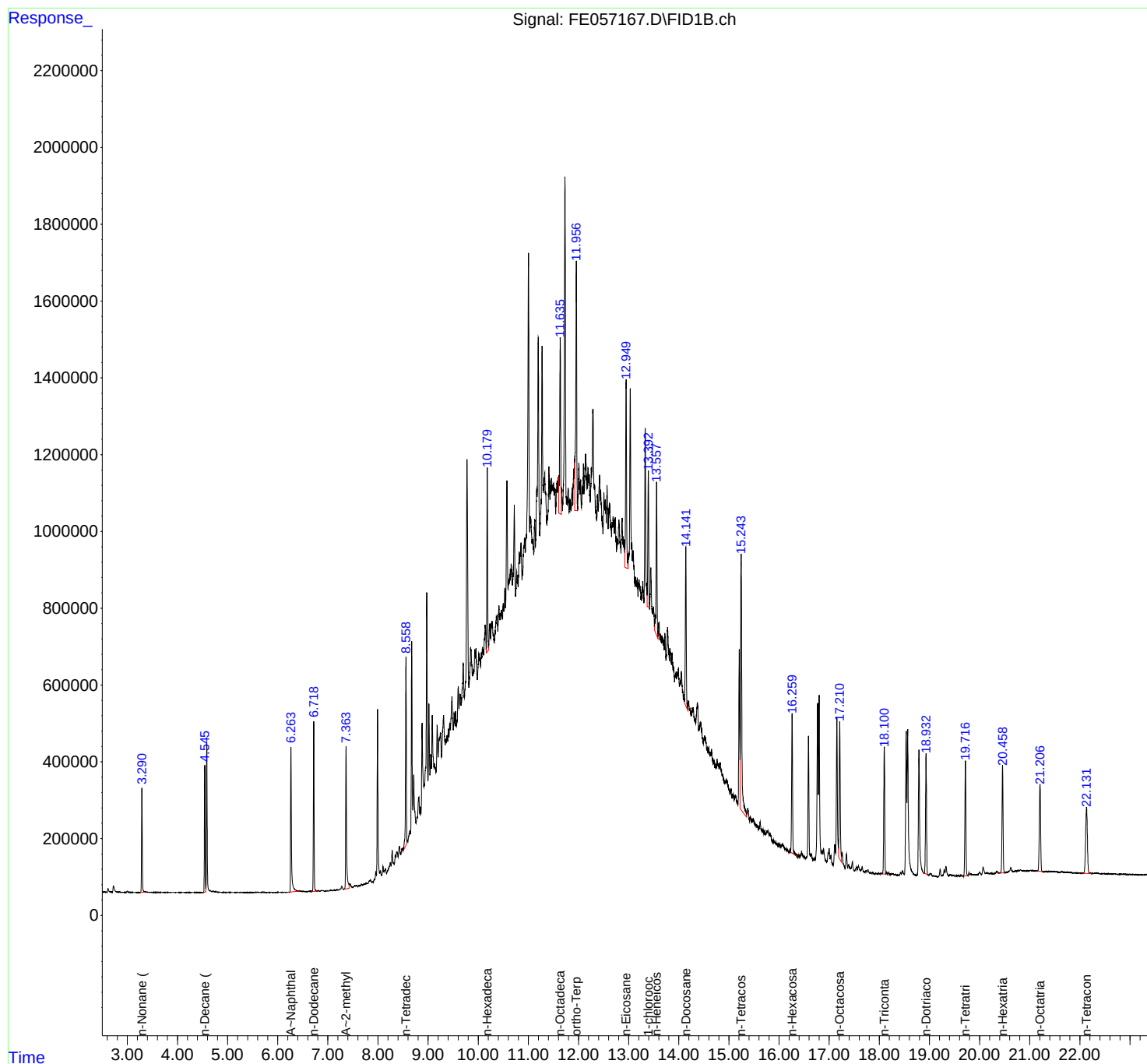
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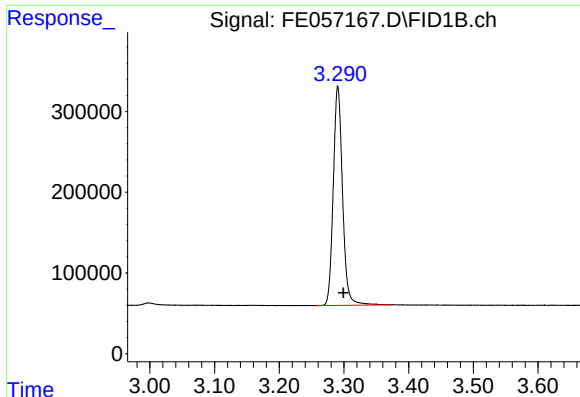
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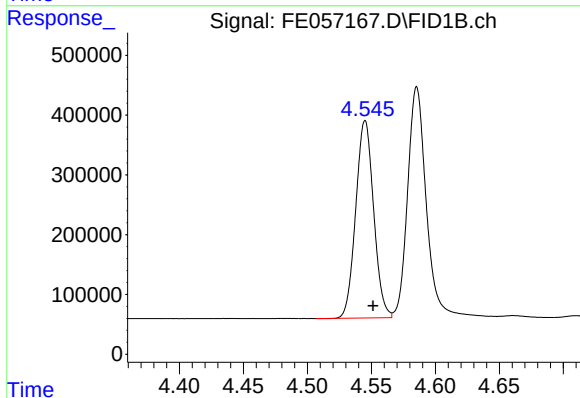
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.008 min
Response: 2706338
Conc: 13.84 ug/ml

Instrument :
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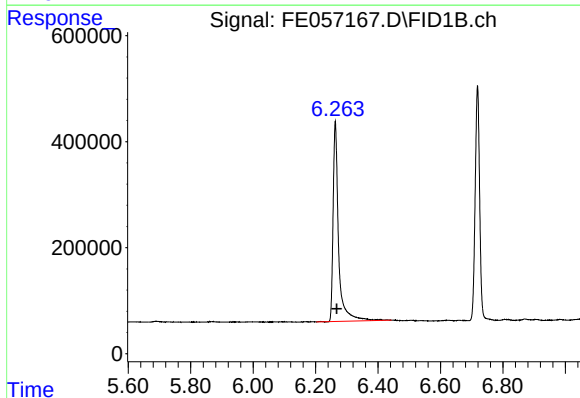
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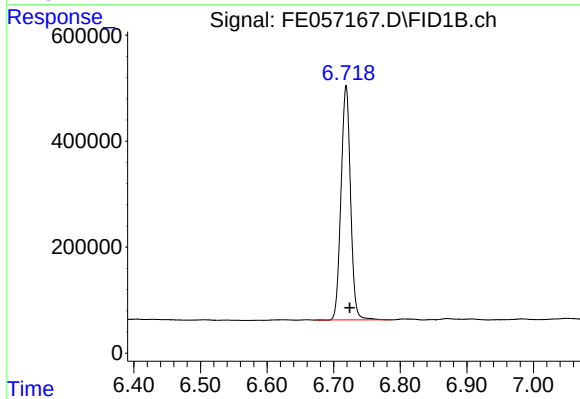
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.006 min
Response: 3212686
Conc: 15.88 ug/ml



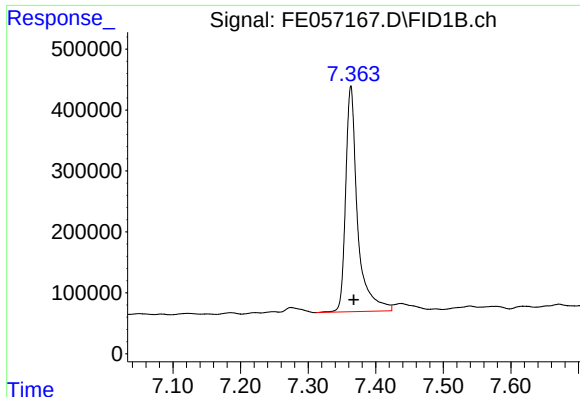
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 4595176
Conc: 22.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.719 min
Delta R.T.: -0.005 min
Response: 4385521
Conc: 21.49 ug/ml



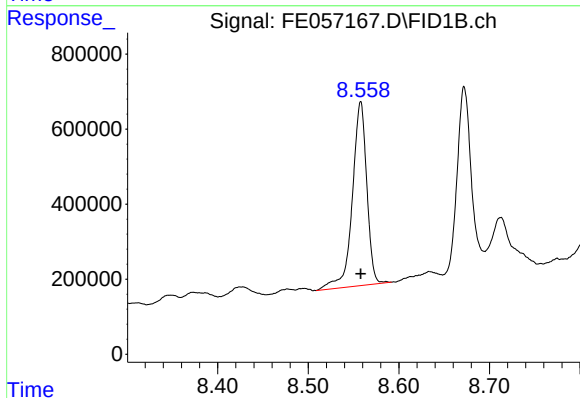
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 4536321
Conc: 23.61 ug/ml

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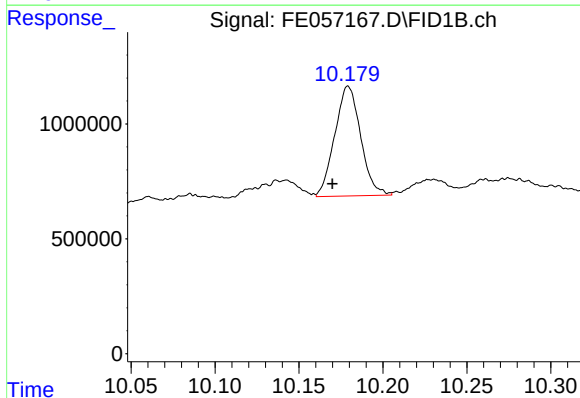
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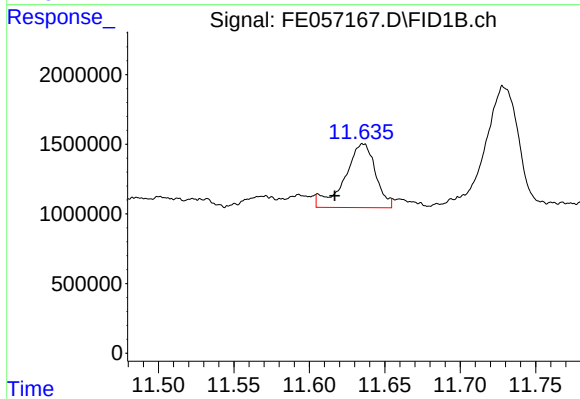
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 5417542
Conc: 26.92 ug/ml



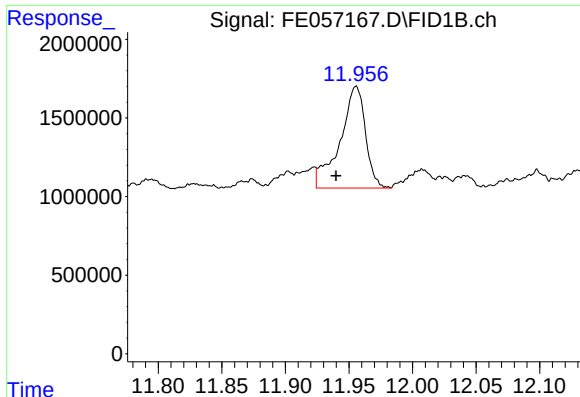
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.010 min
Response: 5126440
Conc: 25.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.018 min
Response: 6465998
Conc: 31.37 ug/ml m



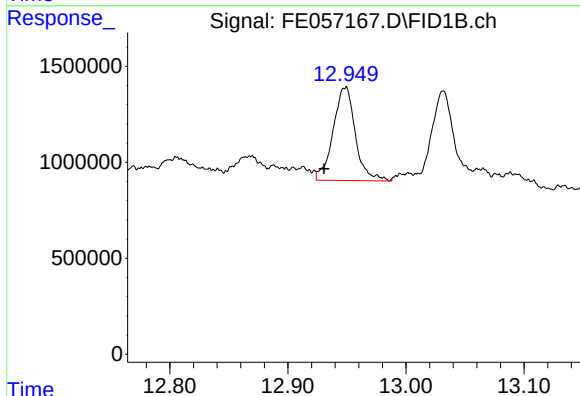
#9 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.016 min
Response: 9002811
Conc: 41.03 ug/ml

Instrument :
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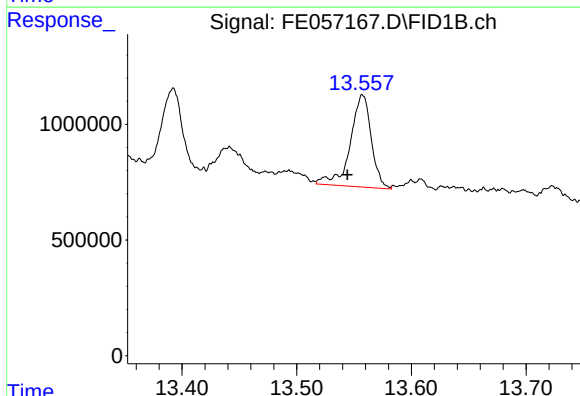
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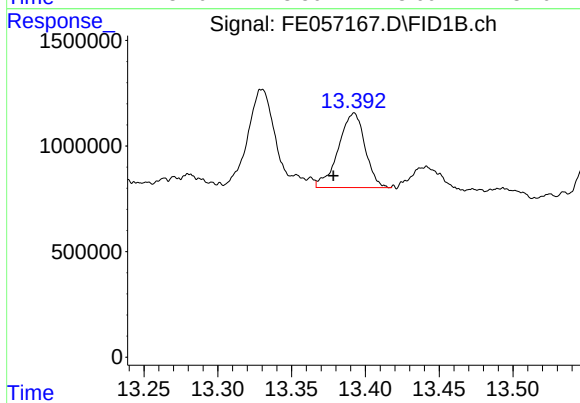
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: 0.019 min
Response: 6372318
Conc: 32.39 ug/ml m



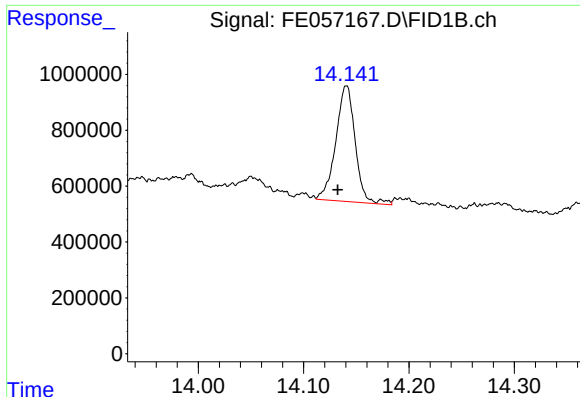
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.013 min
Response: 5063452
Conc: 26.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: 0.014 min
Response: 4408023
Conc: 26.49 ug/ml m



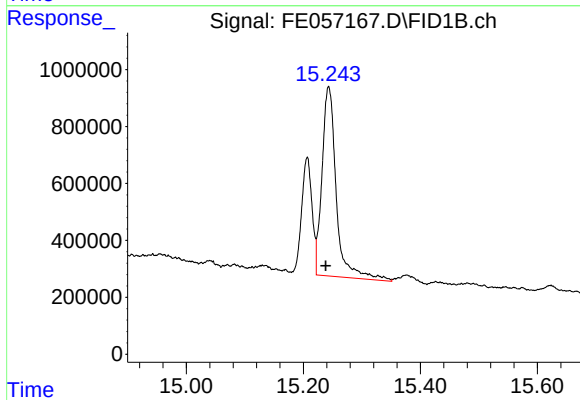
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: 0.008 min
Response: 5325606
Conc: 27.59 ug/ml

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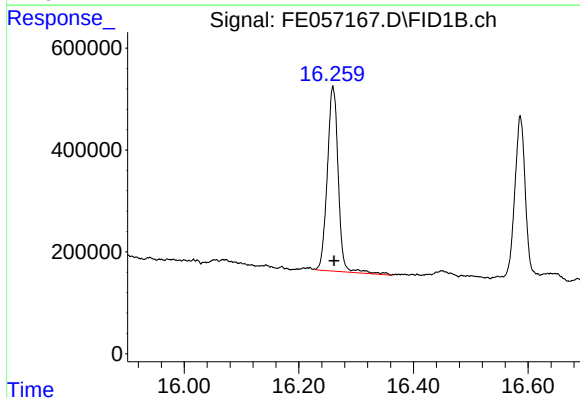
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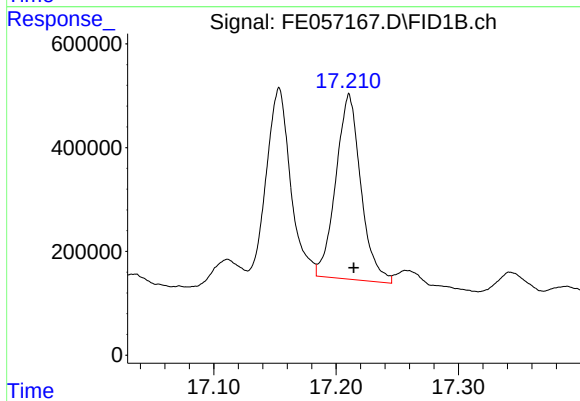
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.005 min
Response: 11255960
Conc: 56.83 ug/ml



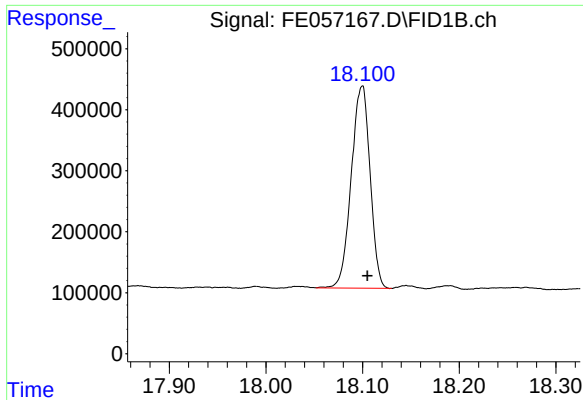
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.002 min
Response: 4821835
Conc: 24.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: -0.004 min
Response: 5083790
Conc: 24.74 ug/ml



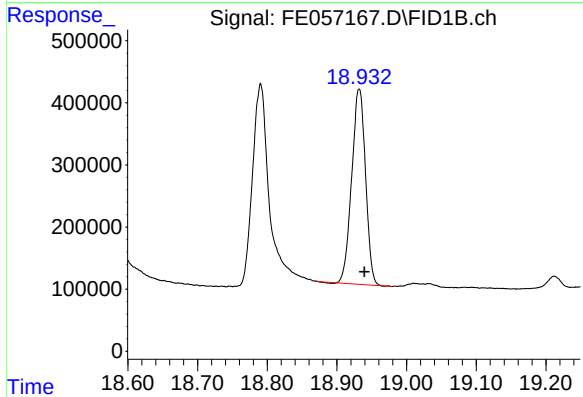
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: -0.006 min
Response: 4491334
Conc: 20.01 ug/ml

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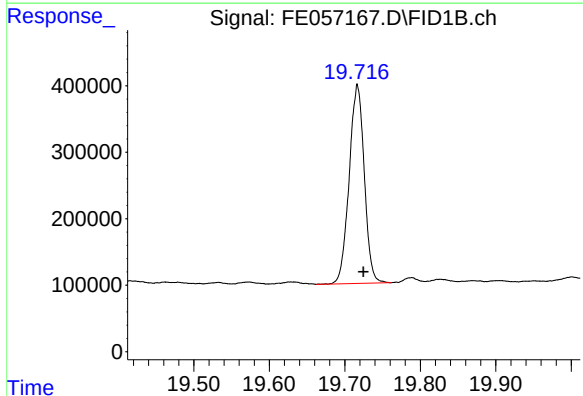
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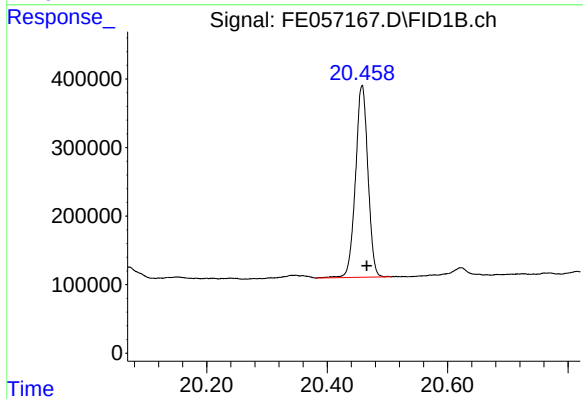
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.008 min
Response: 4339703
Conc: 18.59 ug/ml



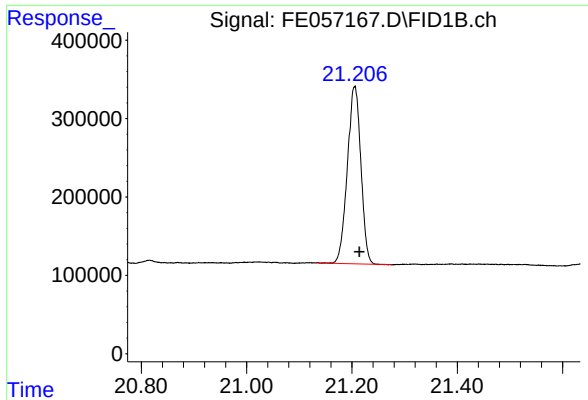
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.008 min
Response: 4151466
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.008 min
Response: 4015478
Conc: 21.57 ug/ml



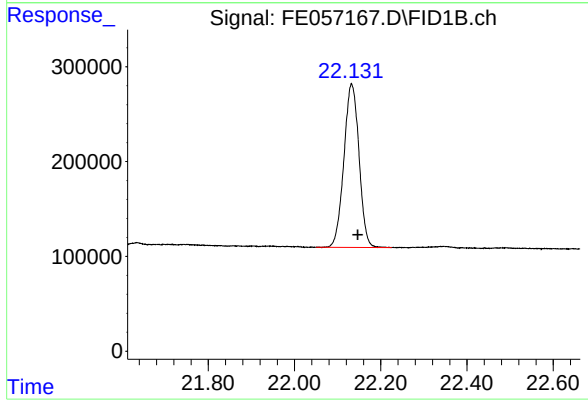
#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.009 min
Response: 4037300
Conc: 23.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.014 min
Response: 4194481
Conc: 24.89 ug/ml