

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057209.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 23:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 06 00:21:20 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)	11.935	4106794	18.715 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
12) S 1-chlorooctadecane (S...	13.373	3102275	18.640 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.293	3707989	18.956 ug/ml
2) T n-Decane (C10)	4.546	3808606	18.830 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3793307	18.841 ug/ml
4) T n-Dodecane (C12)	6.718	3859102	18.908 ug/ml
5) T A~2-methylnaphthalene...	7.364	3539692	18.421 ug/ml
6) T n-Tetradecane (C14)	8.552	3780786	18.784 ug/ml
7) T n-Hexadecane (C16)	10.164	3841427	18.732 ug/ml
8) T n-Octadecane (C18)	11.611	3849060	18.674 ug/ml
10) T n-Eicosane (C20)	12.924	3647847	18.544 ug/ml
11) T n-Heneicosane (C21)	13.538	3559155	18.525 ug/ml
13) T n-Docosane (C22)	14.126	3519888	18.234 ug/ml
14) T n-Tetracosane (C24)	15.232	3471410	17.527 ug/ml
15) T n-Hexacosane (C26)	16.255	3428004	17.279 ug/ml
16) T n-Octacosane (C28)	17.207	3448215	16.780 ug/ml
17) T n-Tricontane (C30)	18.097	3662705	16.320 ug/ml
18) T n-Dotriacontane (C32)	18.932	3816433	16.349 ug/ml
19) T n-Tetratriacontane (C34)	19.716	3587900	16.798 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	3402779	18.282 ug/ml
21) T n-Octatriacontane (C38)	21.207	2956203	17.058 ug/mlm
22) T n-Tetracontane (C40)	22.136	2783716	16.519 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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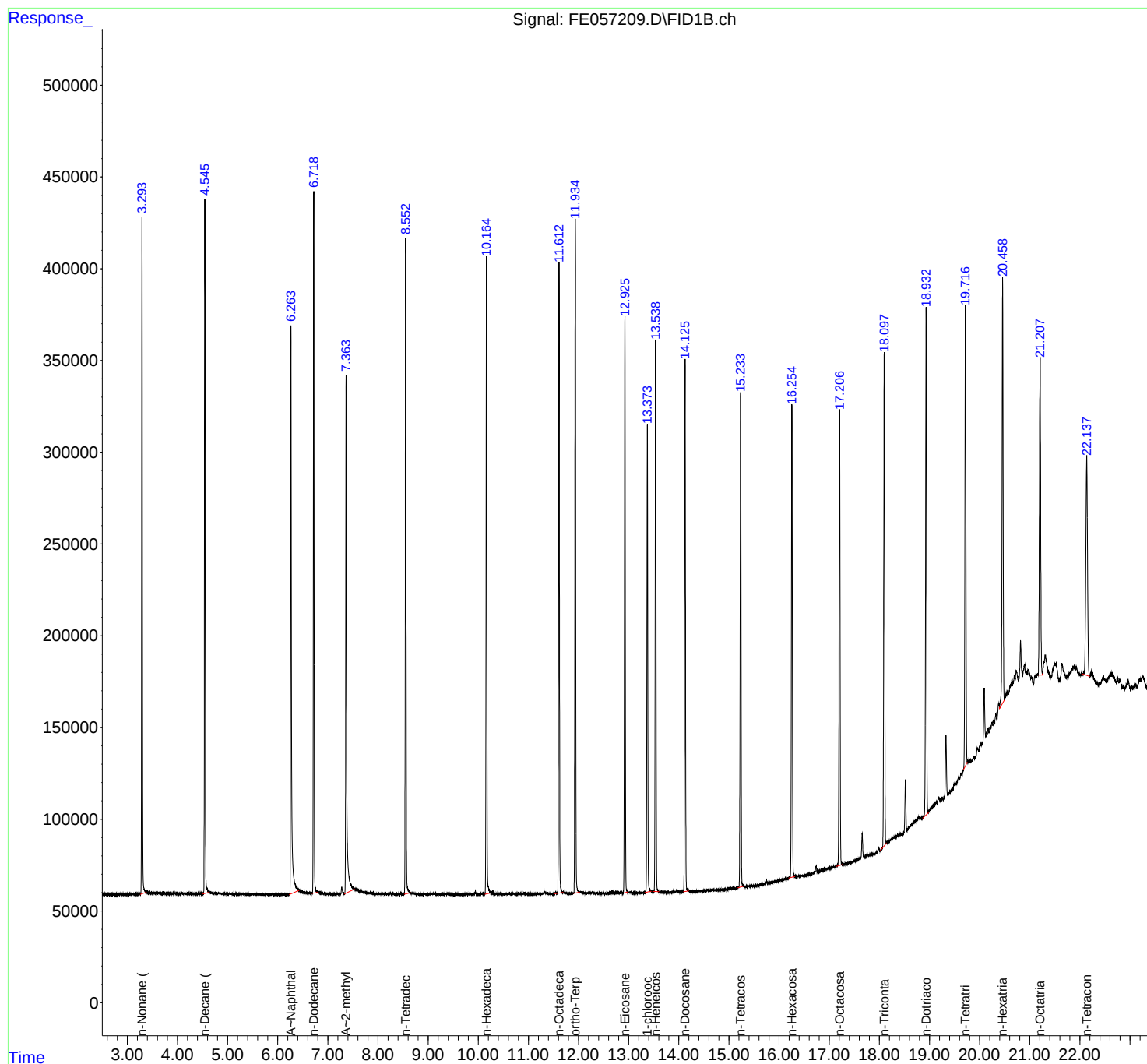
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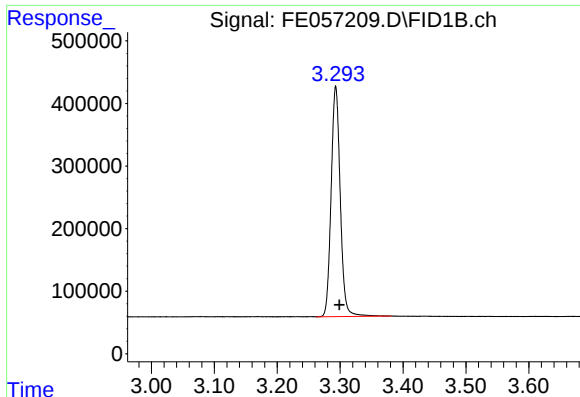
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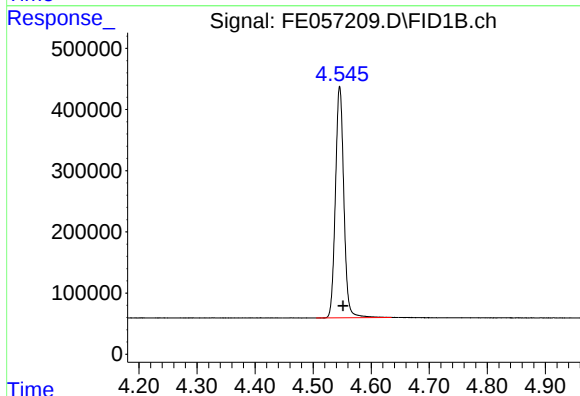
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.006 min
Response: 3707989
Conc: 18.96 ug/ml

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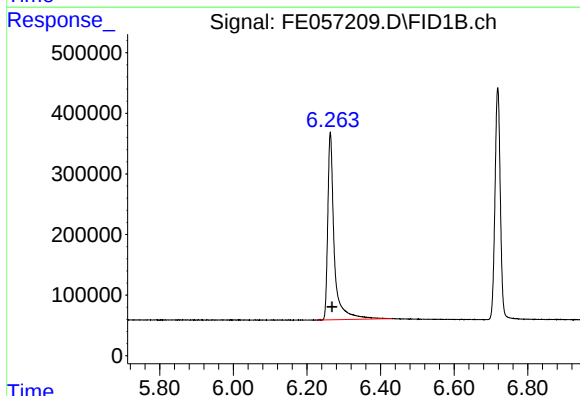
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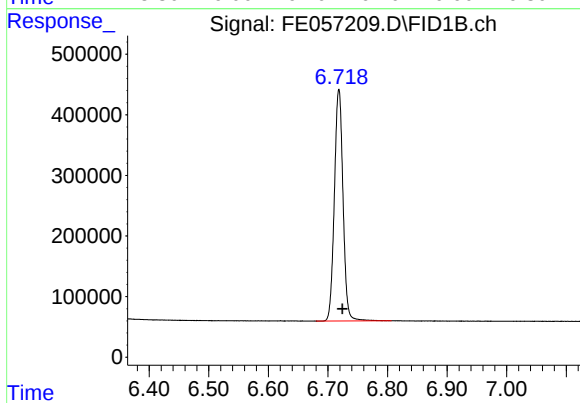
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.006 min
Response: 3808606
Conc: 18.83 ug/ml



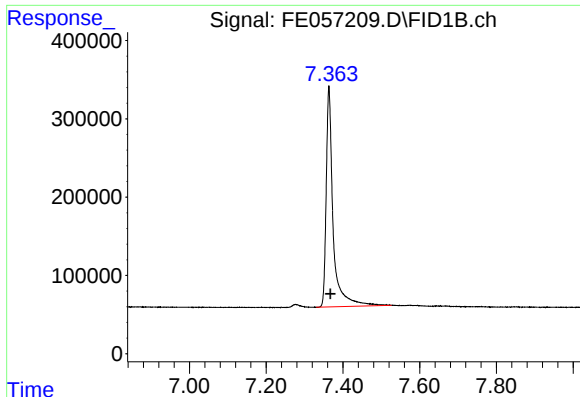
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 3793307
Conc: 18.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 3859102
Conc: 18.91 ug/ml



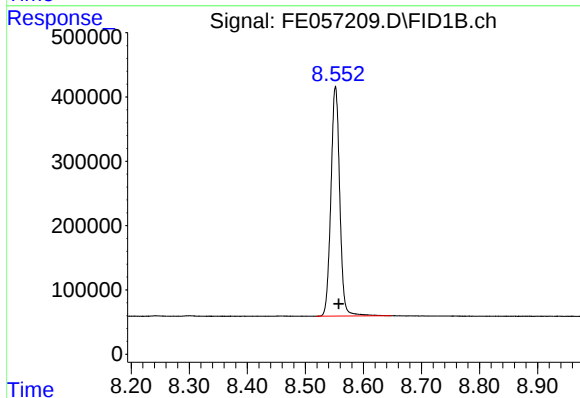
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 3539692
Conc: 18.42 ug/ml

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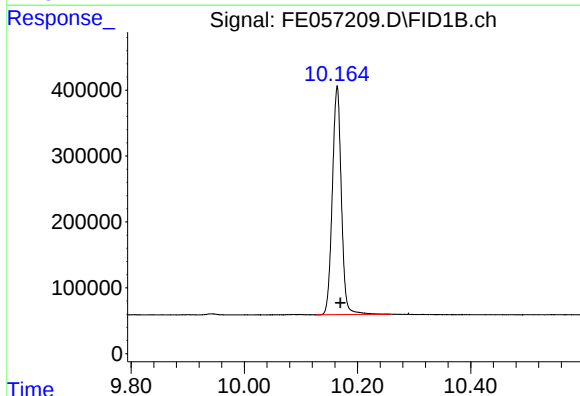
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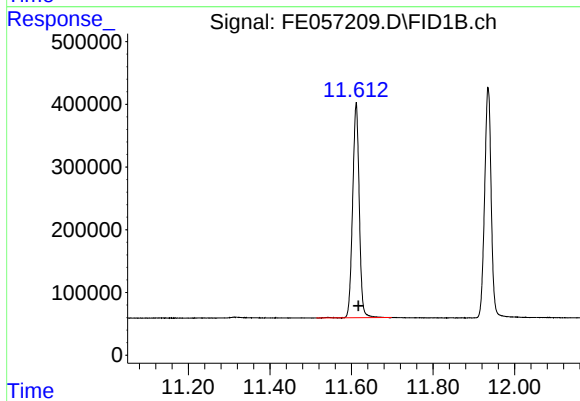
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.006 min
Response: 3780786
Conc: 18.78 ug/ml



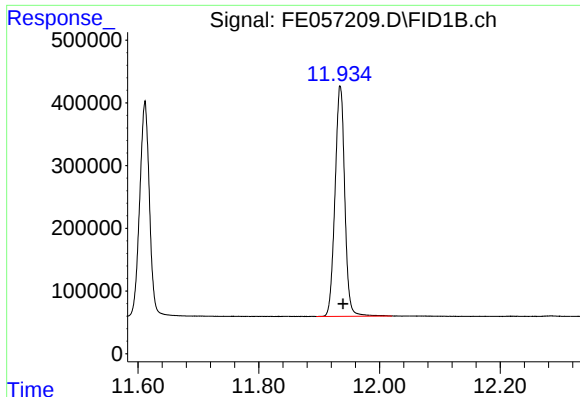
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 3841427
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.005 min
Response: 3849060
Conc: 18.67 ug/ml



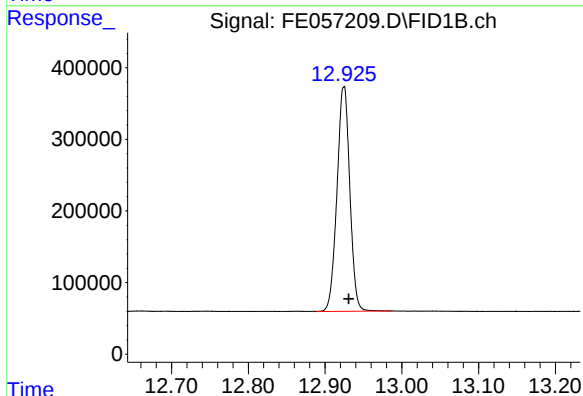
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: -0.005 min
Response: 4106794
Conc: 18.71 ug/ml

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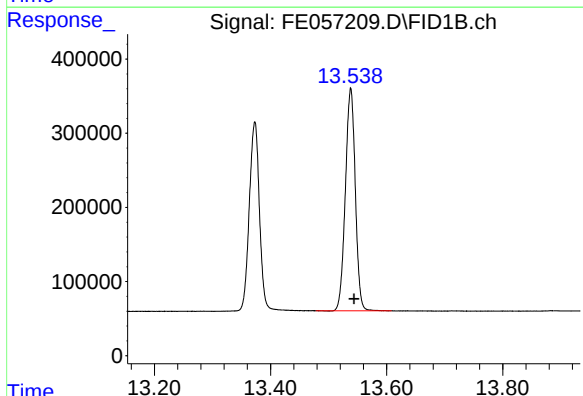
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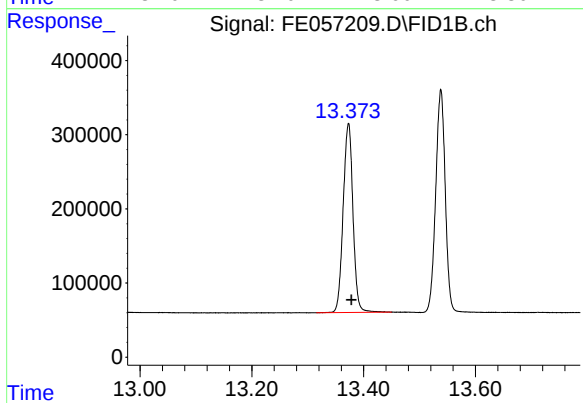
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.006 min
Response: 3647847
Conc: 18.54 ug/ml



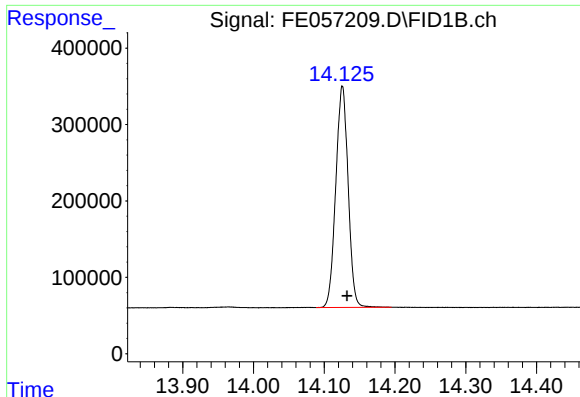
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.006 min
Response: 3559155
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.006 min
Response: 3102275
Conc: 18.64 ug/ml



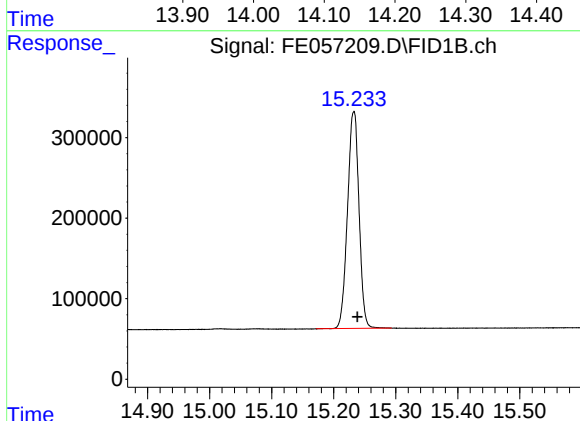
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.007 min
Response: 3519888
Conc: 18.23 ug/ml

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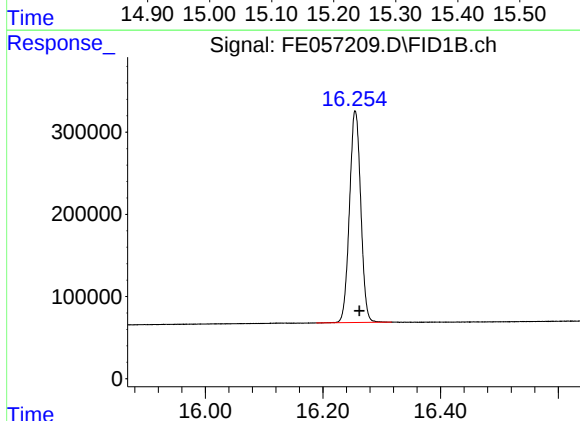
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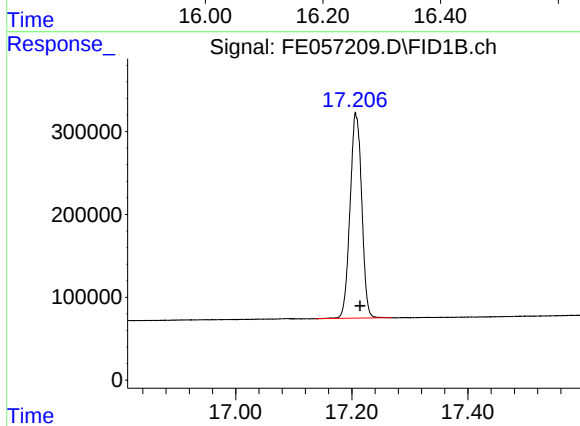
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.006 min
Response: 3471410
Conc: 17.53 ug/ml



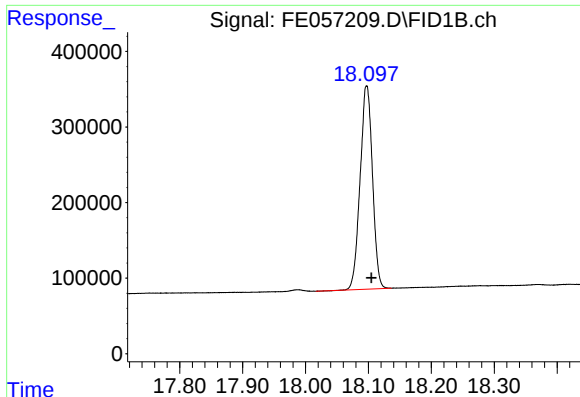
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.007 min
Response: 3428004
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.007 min
Response: 3448215
Conc: 16.78 ug/ml



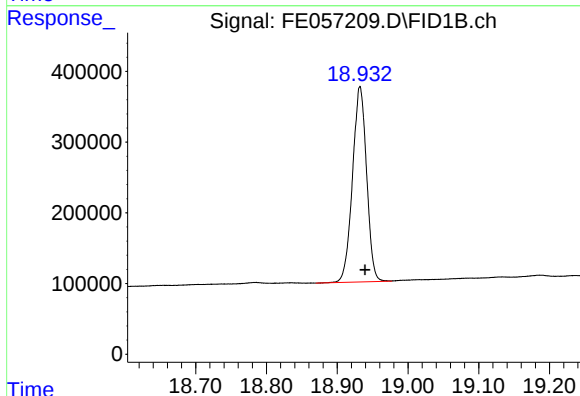
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 3662705
Conc: 16.32 ug/ml

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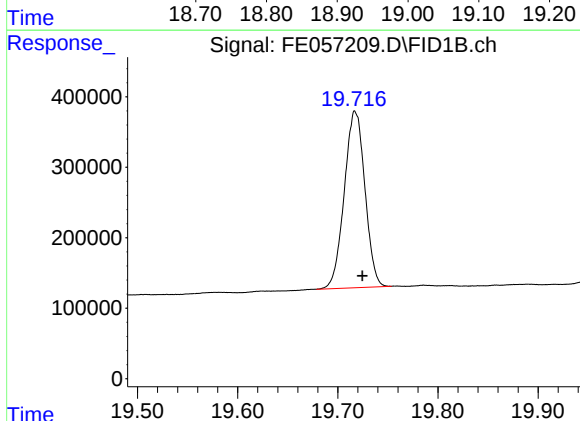
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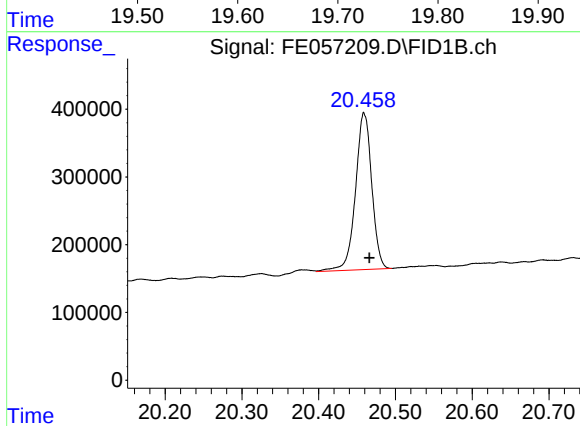
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.007 min
Response: 3816433
Conc: 16.35 ug/ml



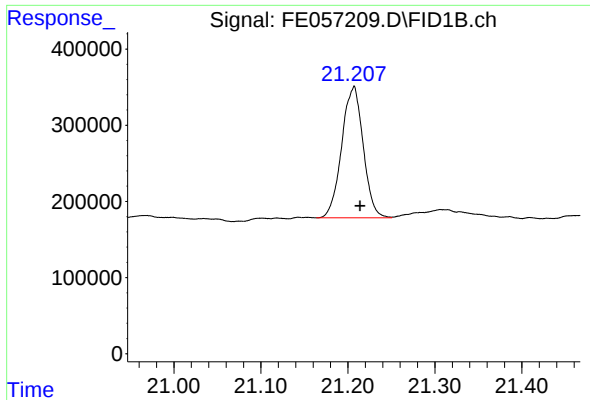
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.008 min
Response: 3587900
Conc: 16.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.007 min
Response: 3402779
Conc: 18.28 ug/ml



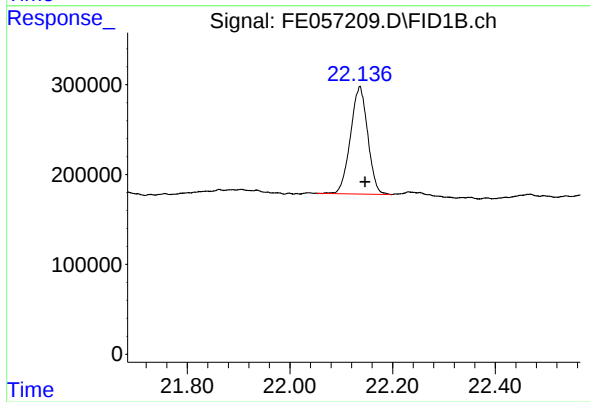
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.007 min
Response: 2956203
Conc: 17.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.011 min
Response: 2783716
Conc: 16.52 ug/ml