

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112725AL\
 Data File : FE057082.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2025 13:47
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/01/2025
 Supervised By :mohammad ahmed 12/02/2025

Integration File: sample.E
 Quant Time: Dec 01 07:58:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 07:57:16 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)	11.939	2243241	10.228 ug/ml
Spiked Amount 50.000		Recovery =	20.46%
12) S 1-chlorooctadecane (S...	13.377	1697156	10.154 ug/ml
Spiked Amount 50.000		Recovery =	20.31%
Target Compounds			
1) T n-Nonane (C9)	3.299	1983051	10.135 ug/ml
2) T n-Decane (C10)	4.551	2050159	10.082 ug/ml
3) T A~Naphthalene (C11.7)	6.269	1971799	9.608 ug/ml
4) T n-Dodecane (C12)	6.723	2073086	10.116 ug/ml
5) T A~2-methylnaphthalene...	7.369	1806626	9.342 ug/ml
6) T n-Tetradecane (C14)	8.557	2044223	10.112 ug/ml
7) T n-Hexadecane (C16)	10.169	2080809	10.100 ug/ml
8) T n-Octadecane (C18)	11.616	2104056	10.190 ug/ml
10) T n-Eicosane (C20)	12.929	2014364	10.280 ug/ml
11) T n-Heneicosane (C21)	13.543	1971948	10.294 ug/ml
13) T n-Docosane (C22)	14.130	1990249	10.526 ug/ml
14) T n-Tetracosane (C24)	15.236	2054842	10.951 ug/mlm
15) T n-Hexacosane (C26)	16.260	2072343	11.138 ug/ml
16) T n-Octacosane (C28)	17.213	2165384	11.365 ug/ml
17) T n-Tricontane (C30)	18.103	2404758	11.540 ug/ml
18) T n-Dotriacontane (C32)	18.939	2539245	11.749 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2308751	11.383 ug/ml
20) T n-Hexatriacontane (C36)	20.466	1985844	11.071 ug/ml
21) T n-Octatriacontane (C38)	21.213	1848111	10.961 ug/ml
22) T n-Tetracontane (C40)	22.145	1819792	11.068 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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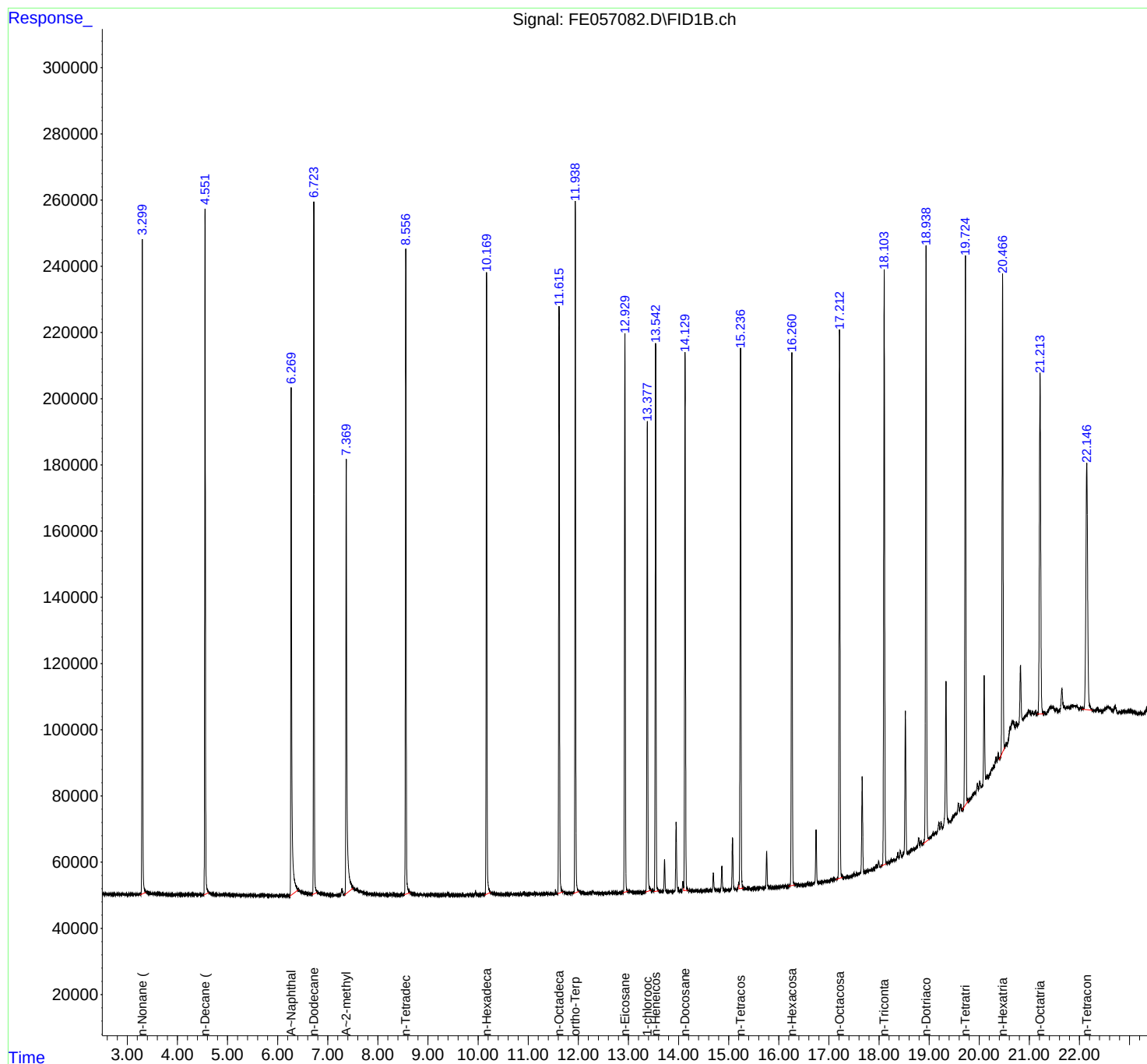
Instrument :
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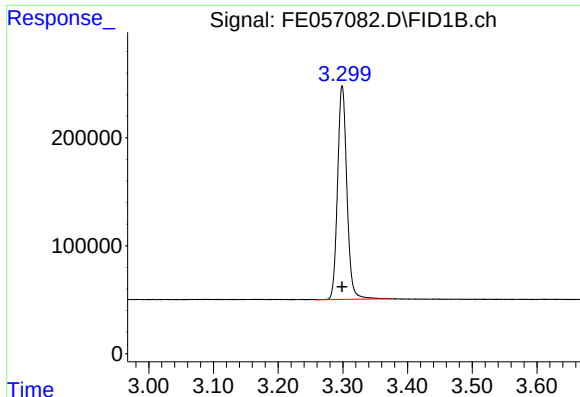
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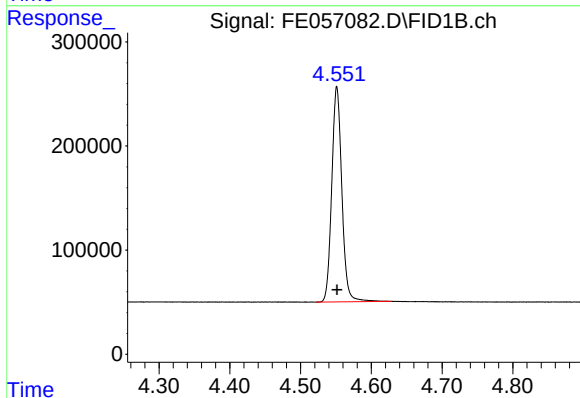
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 1983051
Conc: 10.14 ug/ml

Instrument :
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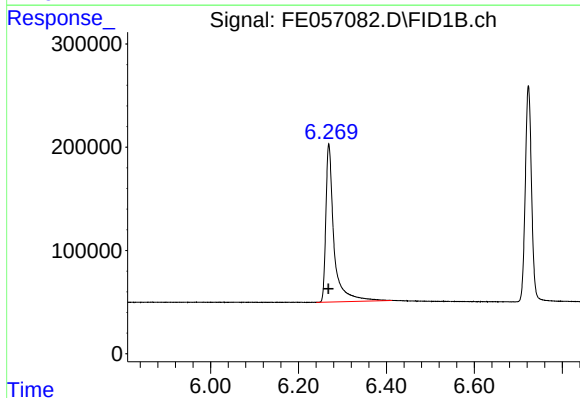
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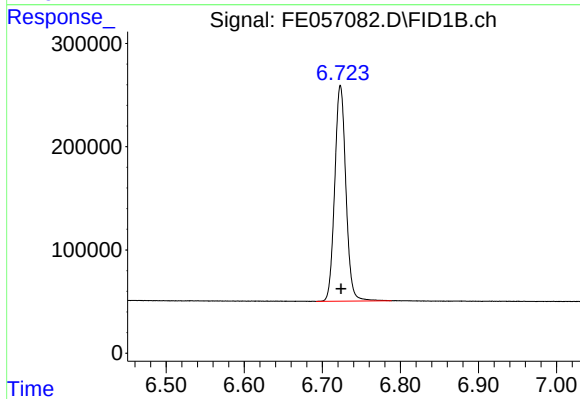
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 2050159
Conc: 10.08 ug/ml



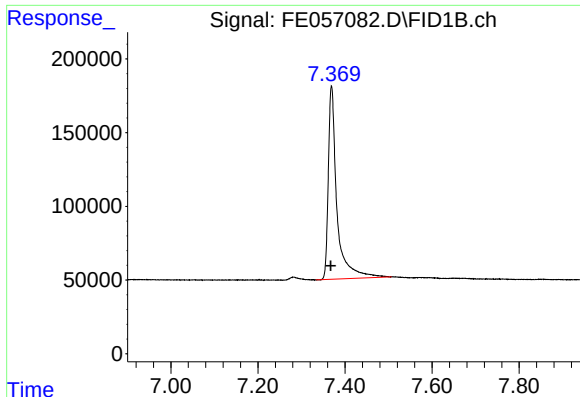
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.002 min
Response: 1971799
Conc: 9.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2073086
Conc: 10.12 ug/ml



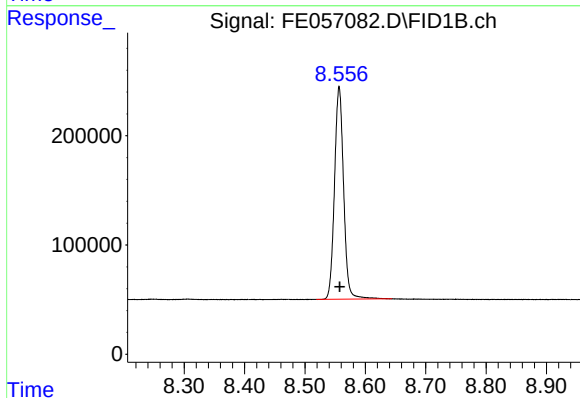
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: 0.002 min
Response: 1806626
Conc: 9.34 ug/ml

Instrument :
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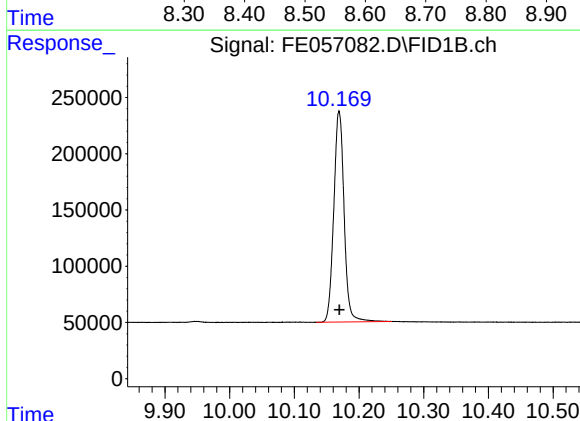
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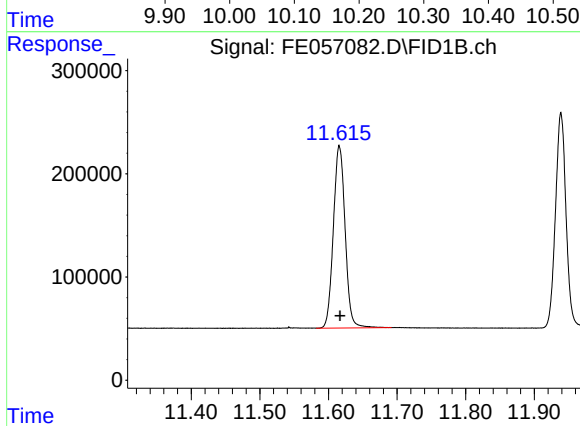
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.001 min
Response: 2044223
Conc: 10.11 ug/ml



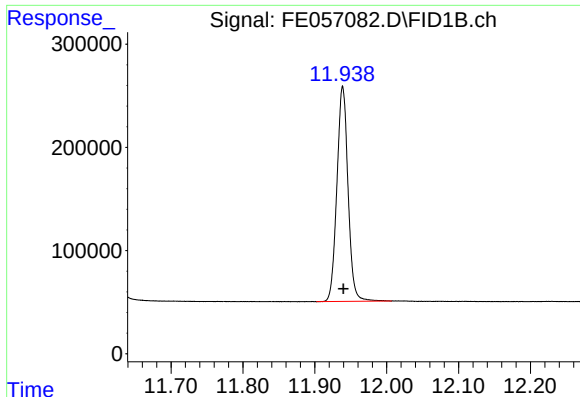
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2080809
Conc: 10.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 2104056
Conc: 10.19 ug/ml



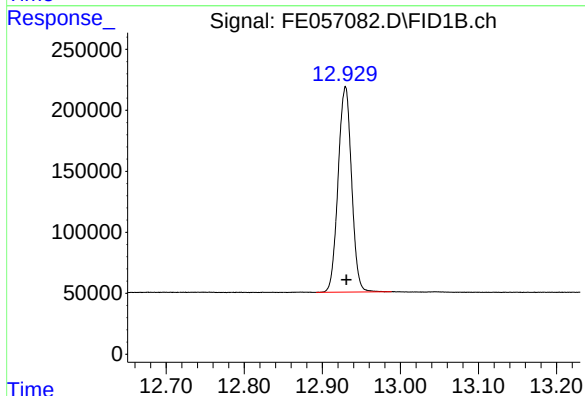
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 2243241
Conc: 10.23 ug/ml

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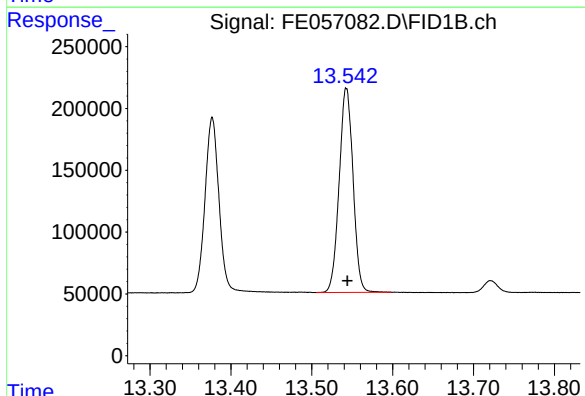
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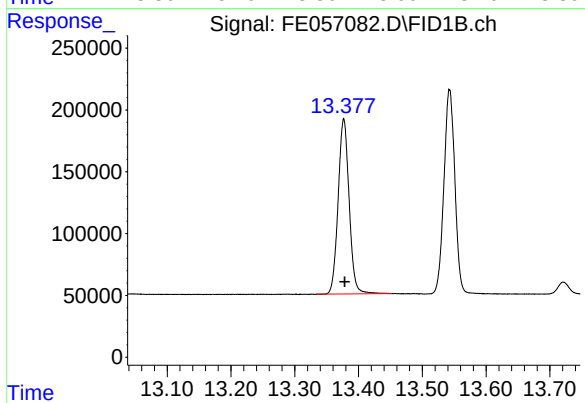
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 2014364
Conc: 10.28 ug/ml



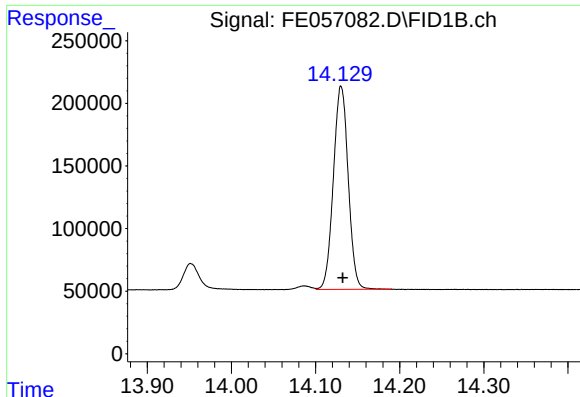
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.001 min
Response: 1971948
Conc: 10.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.002 min
Response: 1697156
Conc: 10.15 ug/ml



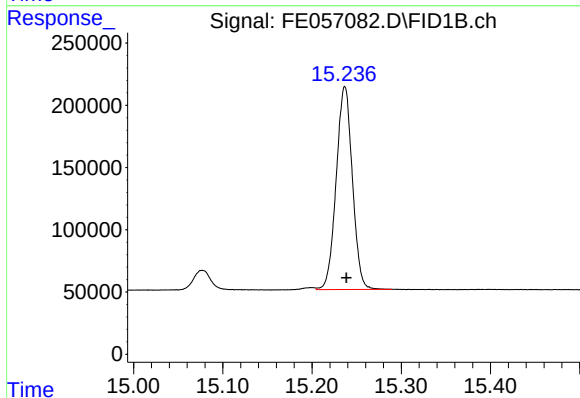
#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.002 min
Response: 1990249
Conc: 10.53 ug/ml

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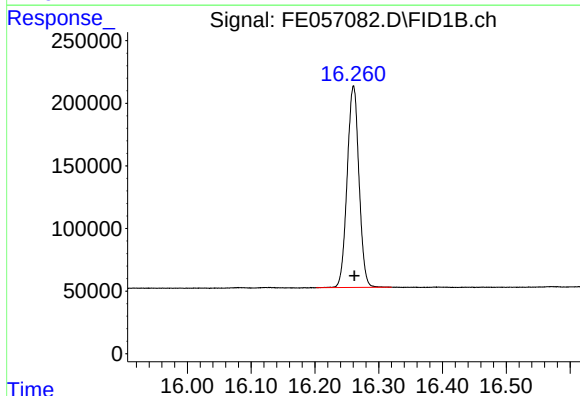
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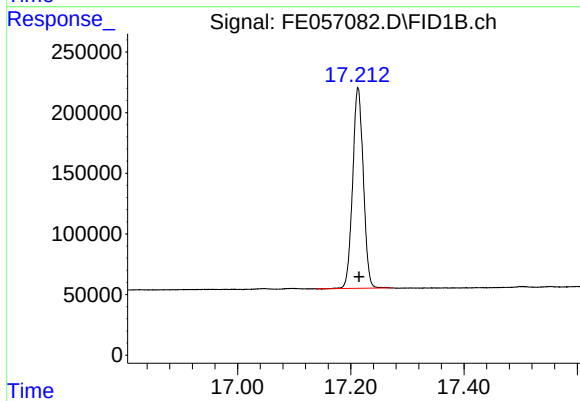
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.002 min
Response: 2054842
Conc: 10.95 ug/ml m



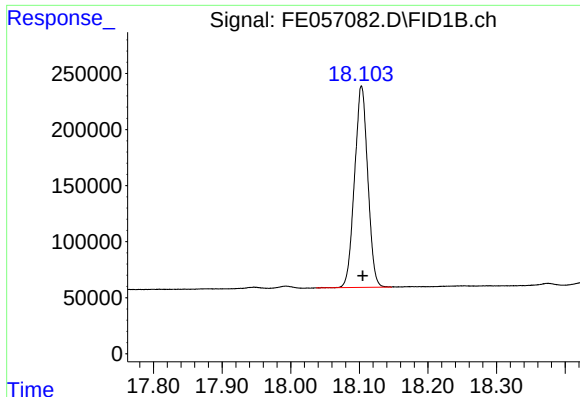
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.001 min
Response: 2072343
Conc: 11.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: -0.002 min
Response: 2165384
Conc: 11.37 ug/ml



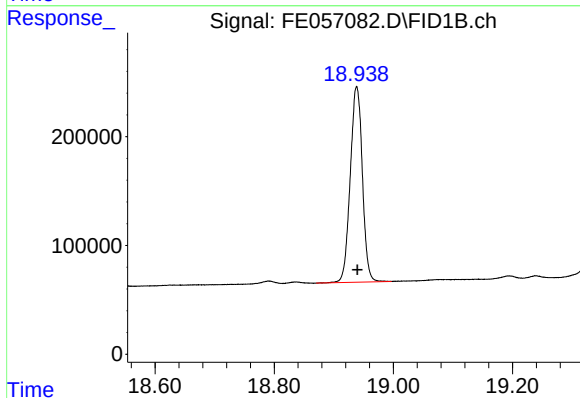
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.002 min
Response: 2404758
Conc: 11.54 ug/ml

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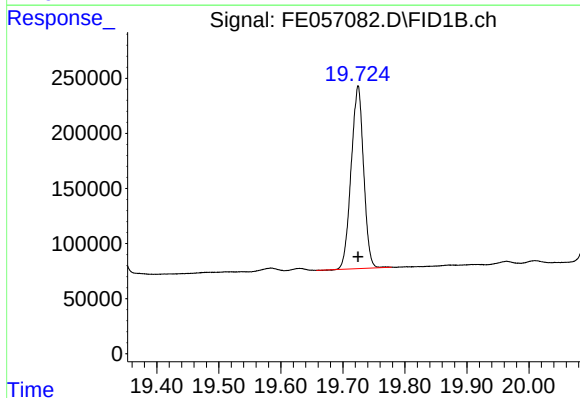
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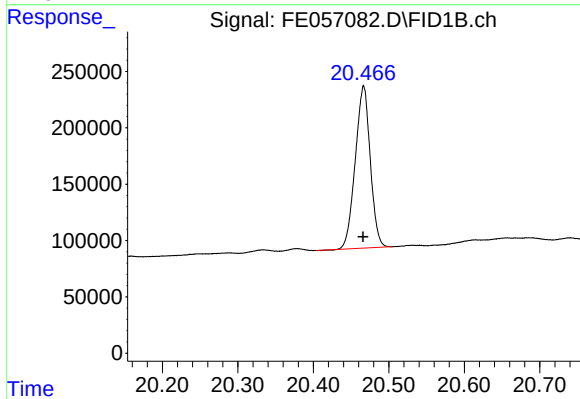
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.000 min
Response: 2539245
Conc: 11.75 ug/ml



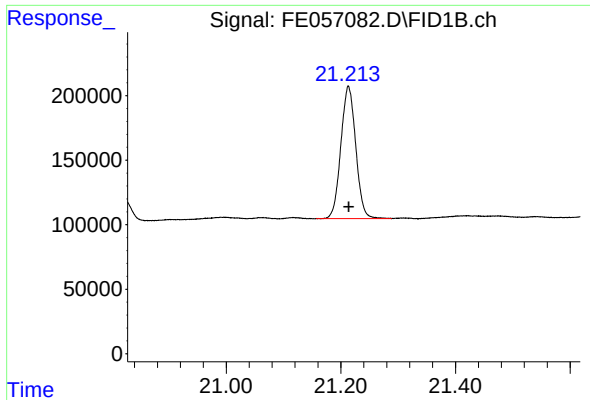
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.000 min
Response: 2308751
Conc: 11.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 1985844
Conc: 11.07 ug/ml



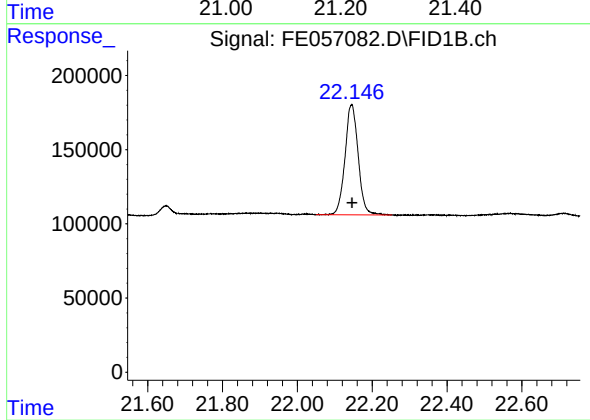
#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.000 min
Response: 1848111
Conc: 10.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.002 min
Response: 1819792
Conc: 11.07 ug/ml