

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112425AL\
 Data File : FE057004.D
 Signal(s) : FID1B.ch
 Acq On : 24 Nov 2025 17:43
 Operator : YP\AJ
 Sample : Q3707-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 V933MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File: sample.E
 Quant Time: Nov 25 01:18:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.944	5272685	25.239 ug/ml
Spiked Amount 50.000		Recovery =	50.48%
12) S 1-chlorooctadecane (S...	13.380	3617506	22.453 ug/ml
Spiked Amount 50.000		Recovery =	44.91%
Target Compounds			
1) T n-Nonane (C9)	3.303	4248239	25.293 ug/ml
2) T n-Decane (C10)	4.557	4768654	27.790 ug/ml
3) T A~Naphthalene (C11.7)	6.272	5959074	32.284 ug/ml
4) T n-Dodecane (C12)	6.729	5513851	31.702 ug/ml
5) T A~2-methylnaphthalene...	7.372	5741015	32.394 ug/ml
6) T n-Tetradecane (C14)	8.564	6335521	36.296 ug/ml
7) T n-Hexadecane (C16)	10.175	6834620	37.356 ug/ml
8) T n-Octadecane (C18)	11.622	6932009	36.625 ug/ml
10) T n-Eicosane (C20)	12.935	6920687	37.135 ug/ml
11) T n-Heneicosane (C21)	13.549	6805611	37.011 ug/ml
13) T n-Docosane (C22)	14.136	6738881	35.998 ug/ml
14) T n-Tetracosane (C24)	15.244	14480296	73.930 ug/ml
15) T n-Hexacosane (C26)	16.267	6516831	33.534 ug/ml
16) T n-Octacosane (C28)	17.217	6553273	33.839 ug/ml
17) T n-Tricontane (C30)	18.110	6257133	31.208 ug/ml
18) T n-Dotriacontane (C32)	18.941	6251830	31.792 ug/ml
19) T n-Tetratriacontane (C34)	19.727	6147035	35.612 ug/ml
20) T n-Hexatriacontane (C36)	20.466	6136378	42.420 ug/mlm
21) T n-Octatriacontane (C38)	21.217	6422346	51.027 ug/ml
22) T n-Tetracontane (C40)	22.148	6759446	58.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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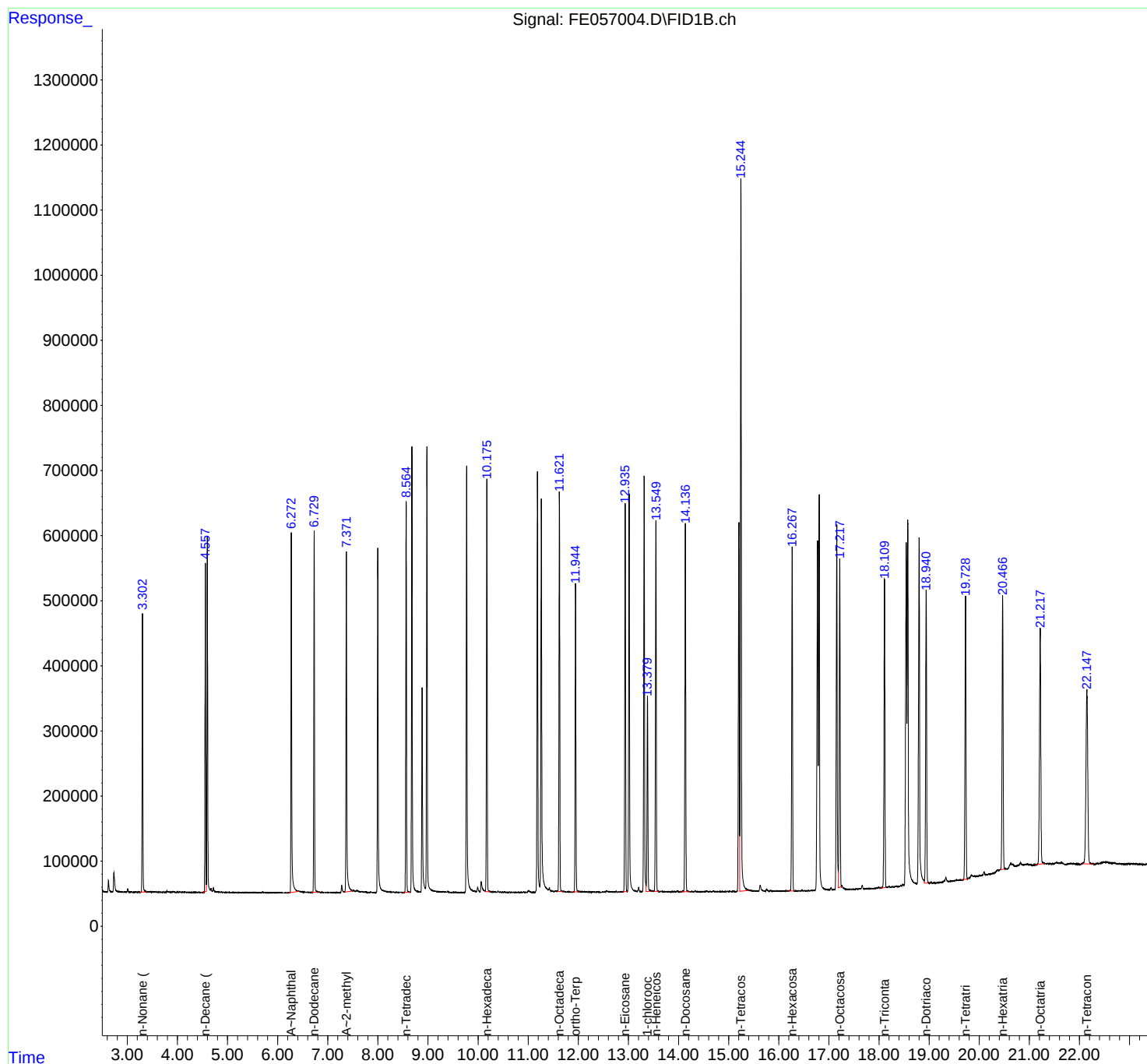
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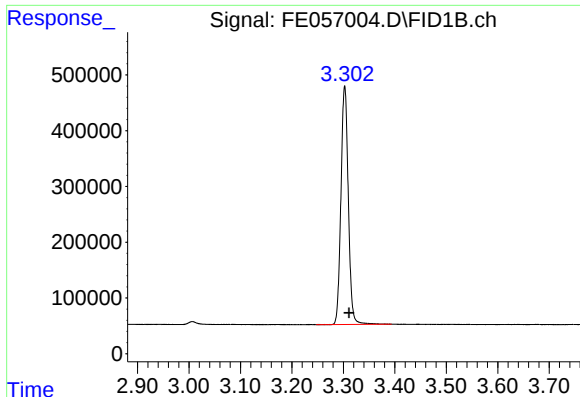
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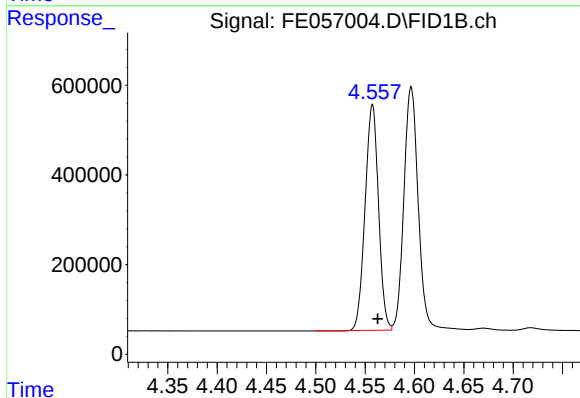
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.008 min
Response: 4248239
Conc: 25.29 ug/ml

Instrument :
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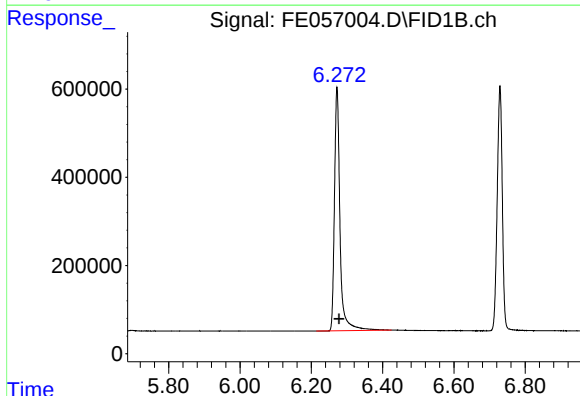
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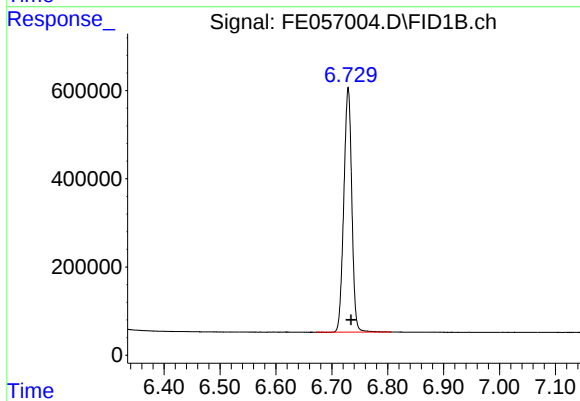
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.006 min
Response: 4768654
Conc: 27.79 ug/ml



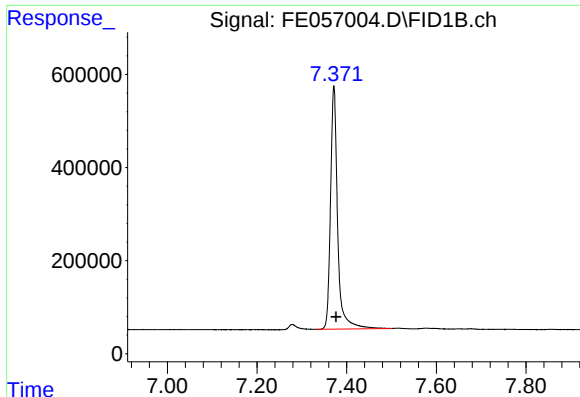
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.005 min
Response: 5959074
Conc: 32.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 5513851
Conc: 31.70 ug/ml



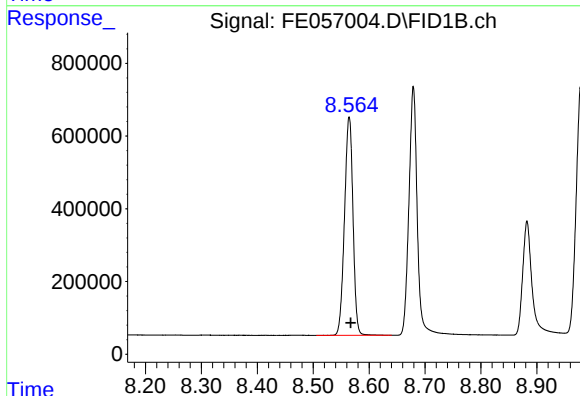
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.005 min
Response: 5741015
Conc: 32.39 ug/ml

Instrument :
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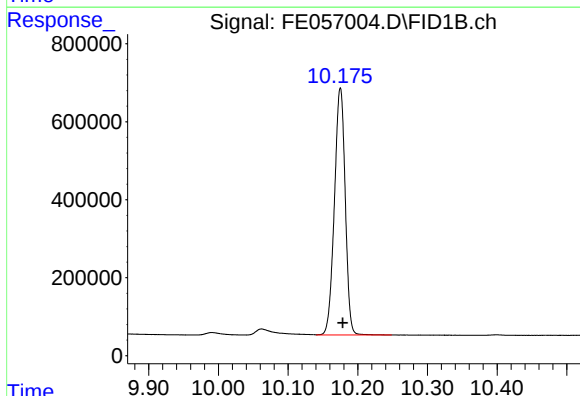
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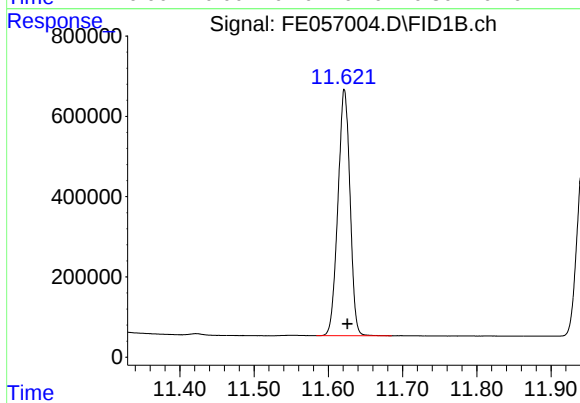
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 6335521
Conc: 36.30 ug/ml



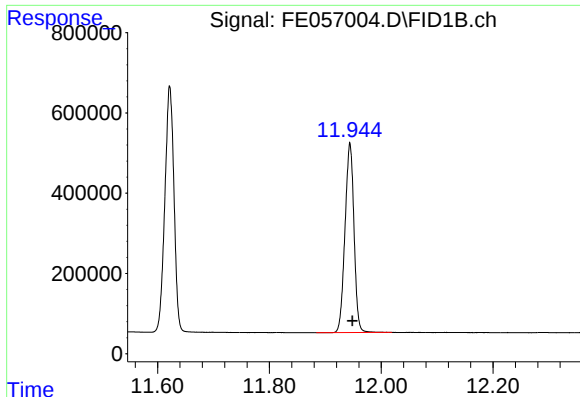
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.004 min
Response: 6834620
Conc: 37.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.004 min
Response: 6932009
Conc: 36.62 ug/ml



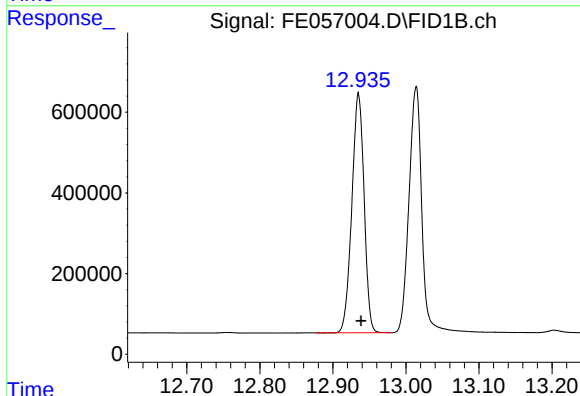
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: -0.005 min
Response: 5272685
Conc: 25.24 ug/ml

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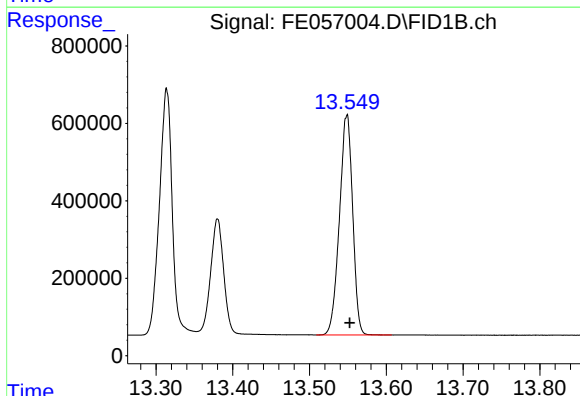
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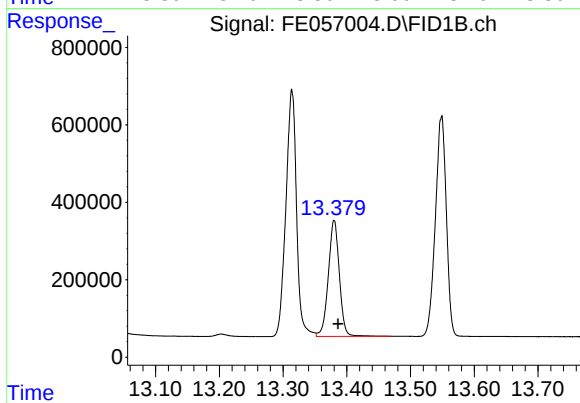
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.003 min
Response: 6920687
Conc: 37.14 ug/ml



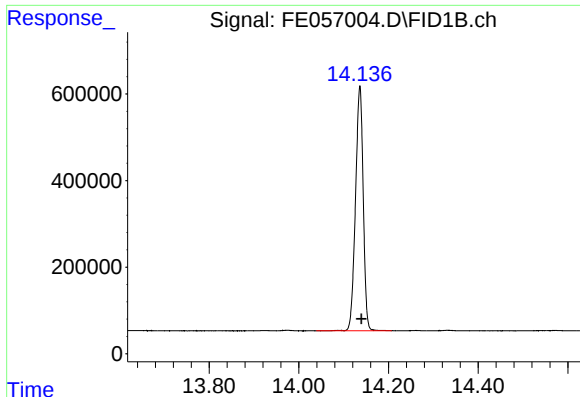
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.004 min
Response: 6805611
Conc: 37.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.006 min
Response: 3617506
Conc: 22.45 ug/ml



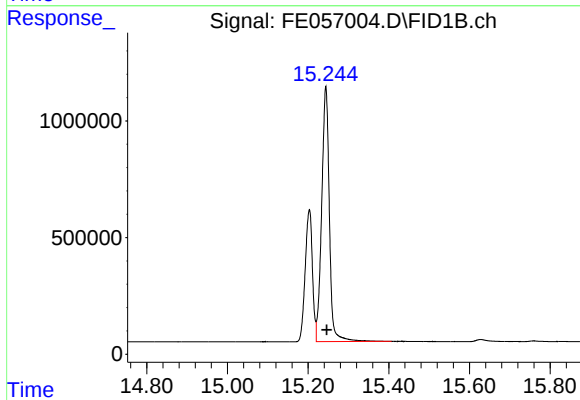
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: -0.004 min
Response: 6738881
Conc: 36.00 ug/ml

Instrument :
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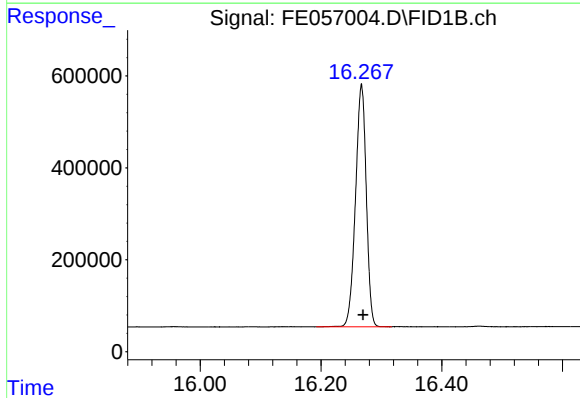
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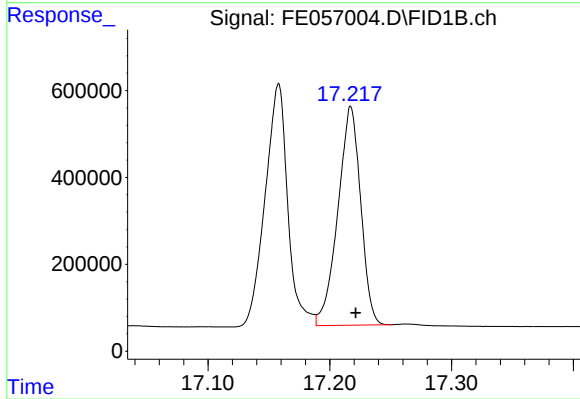
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.002 min
Response: 14480296
Conc: 73.93 ug/ml



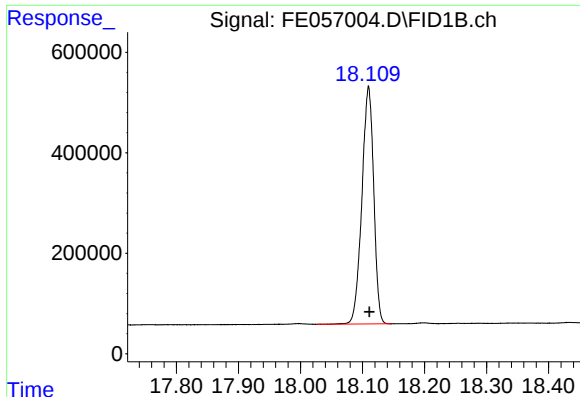
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.003 min
Response: 6516831
Conc: 33.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.004 min
Response: 6553273
Conc: 33.84 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.002 min
Response: 6257133
Conc: 31.21 ug/ml

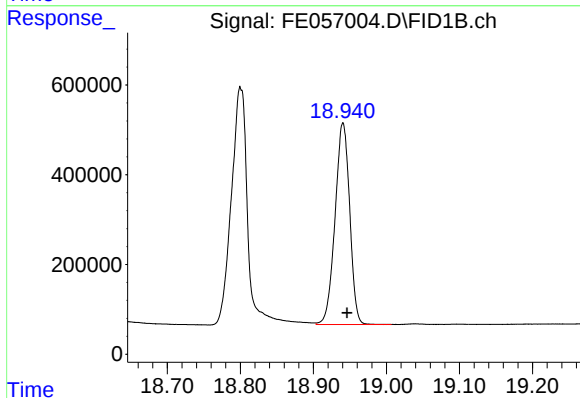
Instrument :

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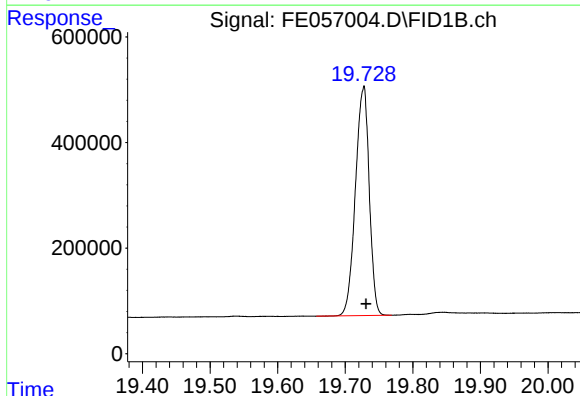
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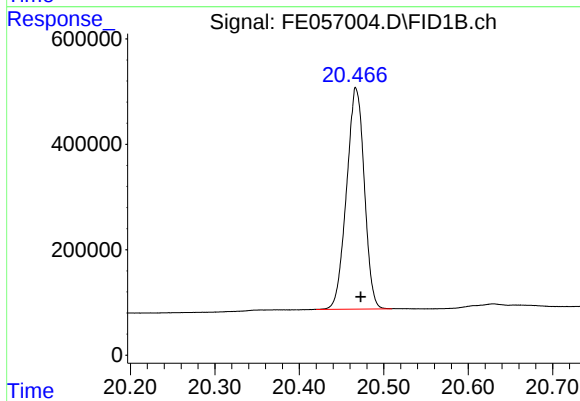
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.006 min
Response: 6251830
Conc: 31.79 ug/ml



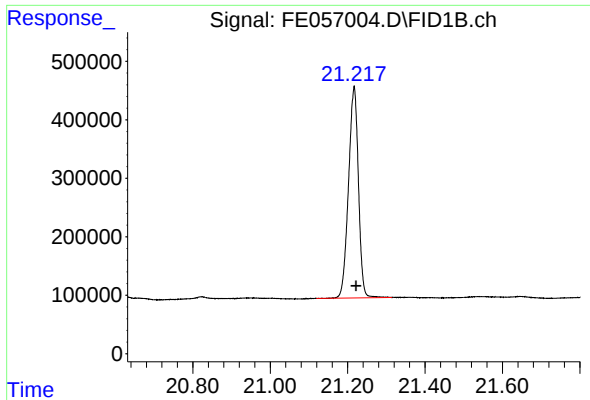
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.004 min
Response: 6147035
Conc: 35.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.007 min
Response: 6136378
Conc: 42.42 ug/ml m



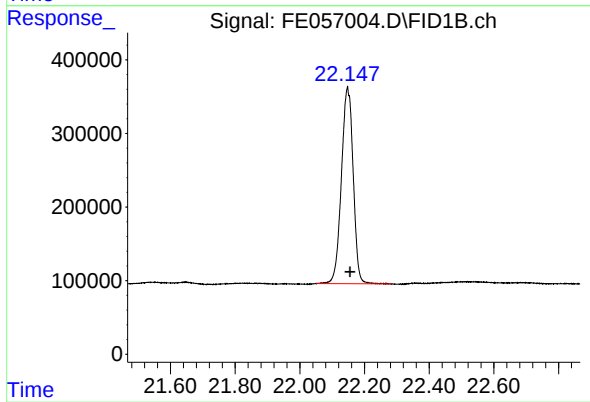
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.005 min
Response: 6422346
Conc: 51.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: -0.008 min
Response: 6759446
Conc: 58.47 ug/ml