

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057269.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2025 03:30
 Operator : YP\AJ
 Sample : Q3812-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-120825MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 05:31:48 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)	11.934	6136904	27.966 ug/ml
Spiked Amount 50.000		Recovery =	55.93%
12) S 1-chlorooctadecane (S...	13.370	5224473	31.392 ug/mlm
Spiked Amount 50.000		Recovery =	62.78%
Target Compounds			
1) T n-Nonane (C9)	3.285	2433149	12.439 ug/ml
2) T n-Decane (C10)	4.541	2786701	13.778 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4925275	24.464 ug/ml
4) T n-Dodecane (C12)	6.715	3305364	16.195 ug/ml
5) T A~2-methylnaphthalene...	7.360	4347617	22.626 ug/ml
6) T n-Tetradecane (C14)	8.550	3794249	18.851 ug/ml
7) T n-Hexadecane (C16)	10.161	3928699	19.157 ug/ml
8) T n-Octadecane (C18)	11.608	3970597	19.264 ug/ml
10) T n-Eicosane (C20)	12.923	4677690	23.780 ug/ml
11) T n-Heneicosane (C21)	13.536	4071701	21.193 ug/ml
13) T n-Docosane (C22)	14.124	4543256	23.535 ug/ml
14) T n-Tetracosane (C24)	15.238	12847367	64.867 ug/ml
15) T n-Hexacosane (C26)	16.257	3656218	18.429 ug/ml
16) T n-Octacosane (C28)	17.209	3642550	17.725 ug/mlm
17) T n-Tricontane (C30)	18.100	3754625	16.730 ug/mlm
18) T n-Dotriacontane (C32)	18.934	4469200	19.145 ug/ml
19) T n-Tetratriacontane (C34)	19.719	3704983	17.347 ug/ml
20) T n-Hexatriacontane (C36)	20.462	3667692	19.705 ug/ml
21) T n-Octatriacontane (C38)	21.209	3156022	18.211 ug/ml
22) T n-Tetracontane (C40)	22.141	3459132	20.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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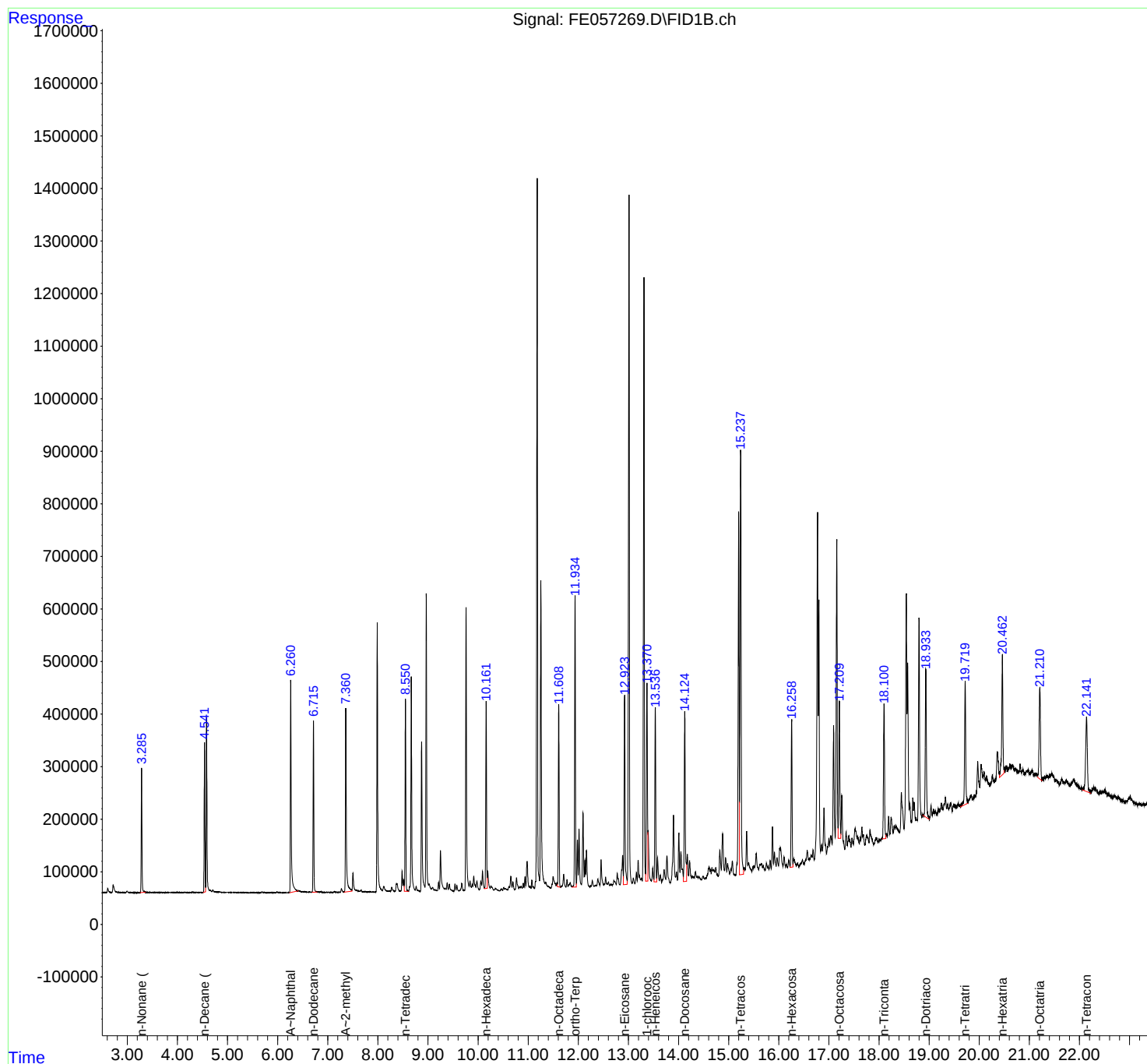
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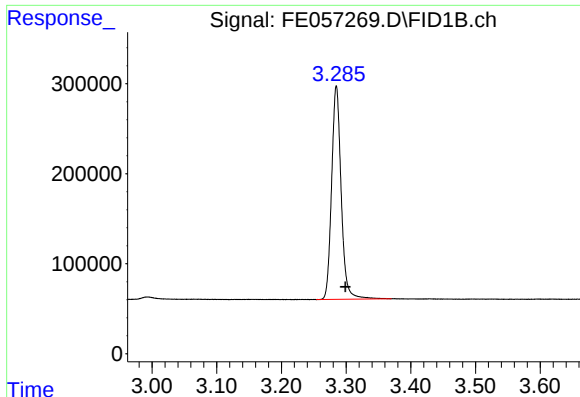
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#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.014 min
Response: 2433149
Conc: 12.44 ug/ml

Instrument :

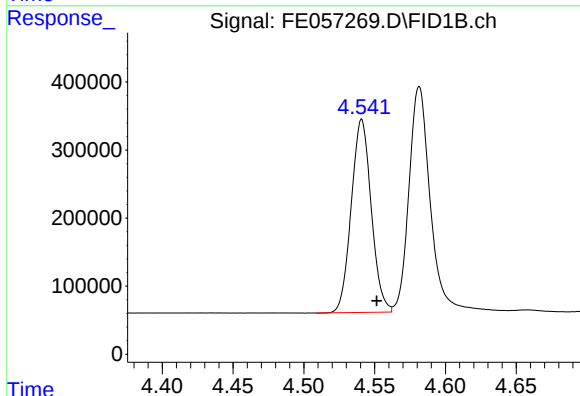
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ClientSampleId :

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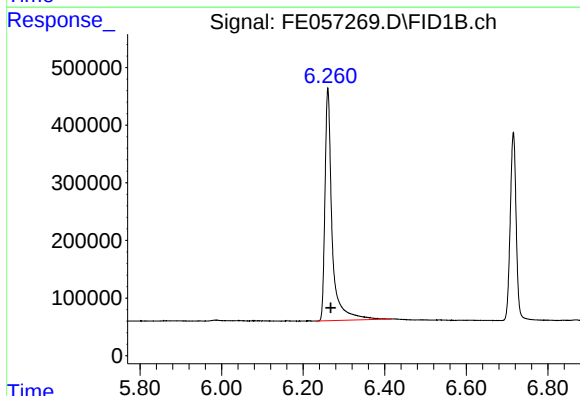
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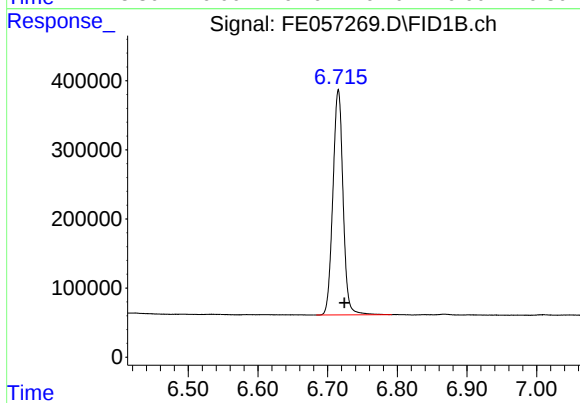
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 2786701
Conc: 13.78 ug/ml



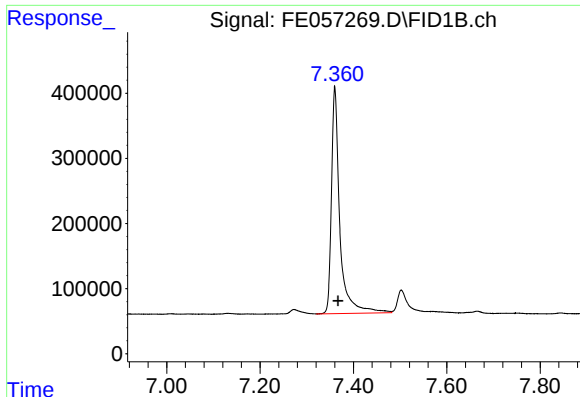
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4925275
Conc: 24.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 3305364
Conc: 16.20 ug/ml



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

R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 4347617
Conc: 22.63 ug/ml

Instrument :

FID_E

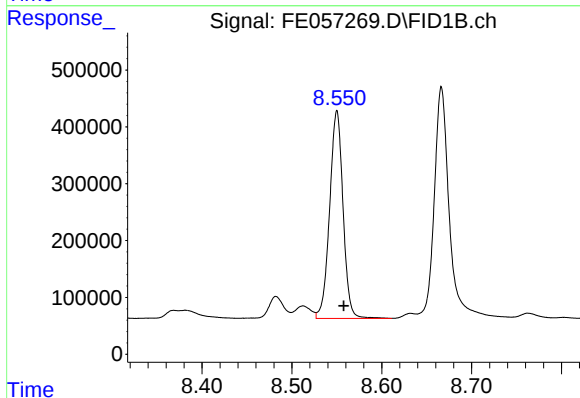
ClientSampleId :

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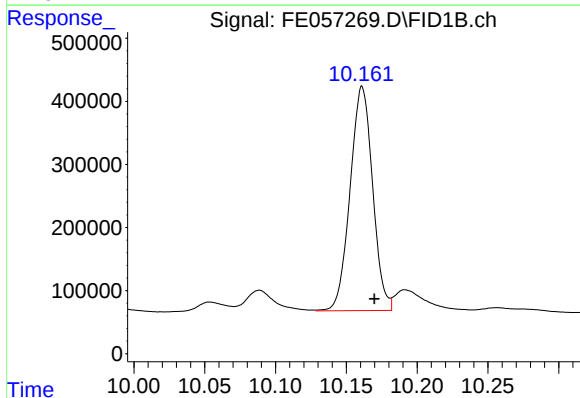
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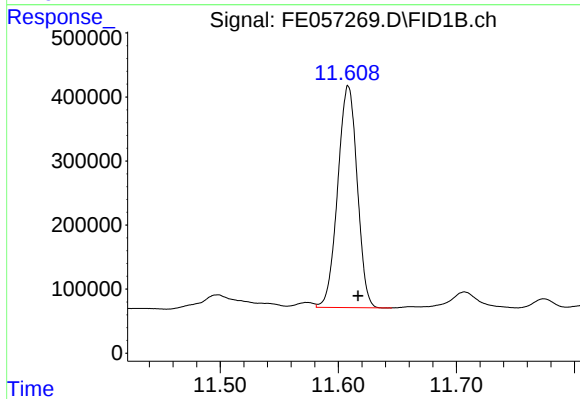
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 3794249
Conc: 18.85 ug/ml



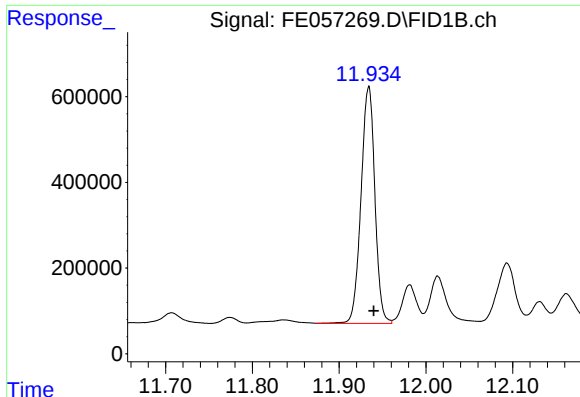
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 3928699
Conc: 19.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.008 min
Response: 3970597
Conc: 19.26 ug/ml



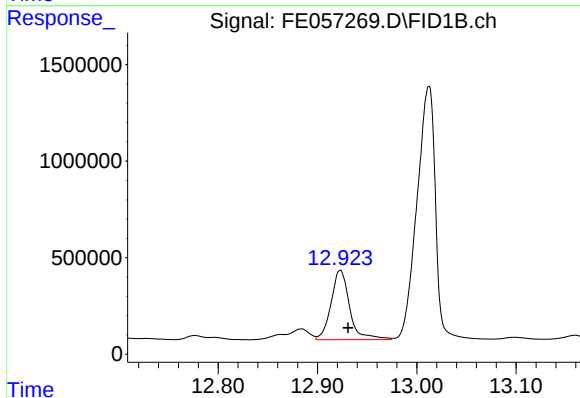
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.006 min
Response: 6136904
Conc: 27.97 ug/ml

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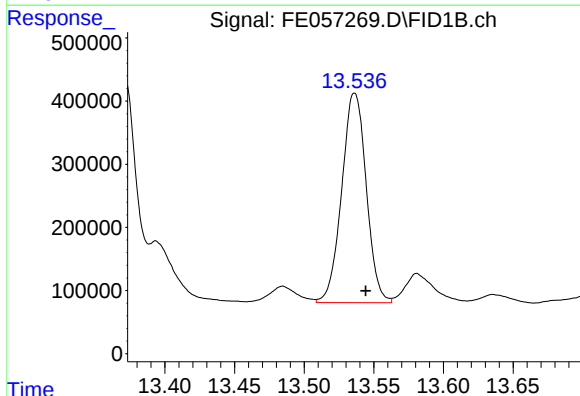
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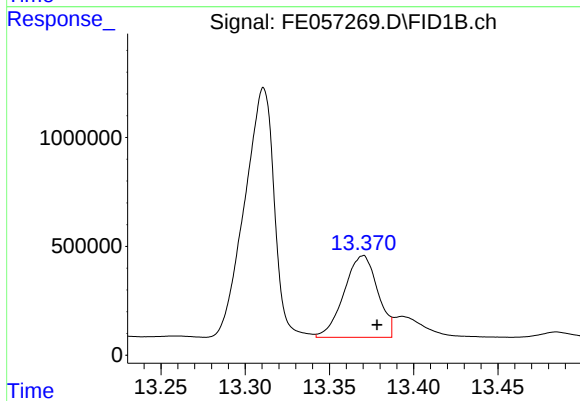
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.008 min
Response: 4677690
Conc: 23.78 ug/ml



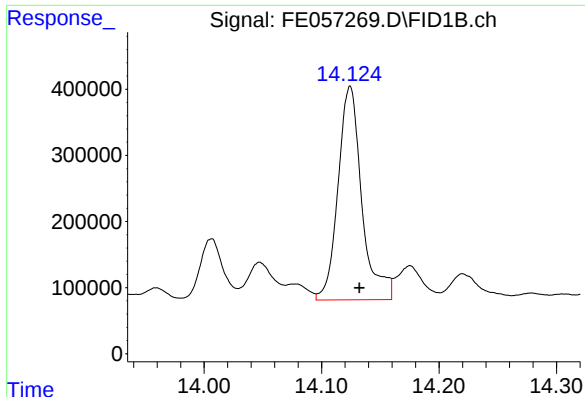
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.008 min
Response: 4071701
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 5224473
Conc: 31.39 ug/ml m



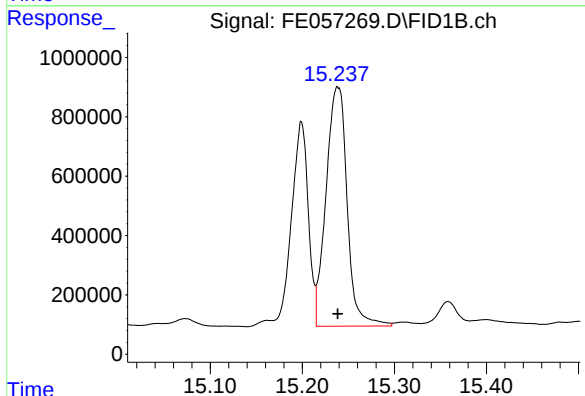
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.008 min
Response: 4543256
Conc: 23.54 ug/ml

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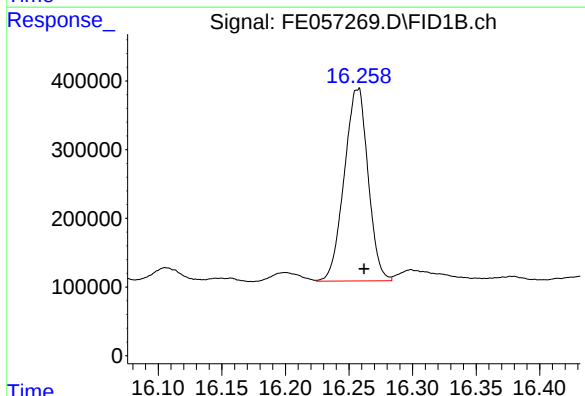
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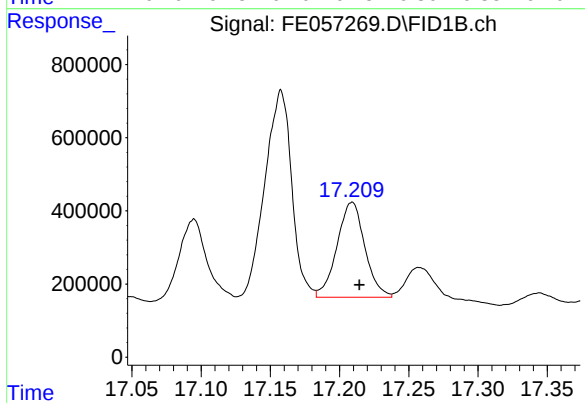
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 12847367
Conc: 64.87 ug/ml



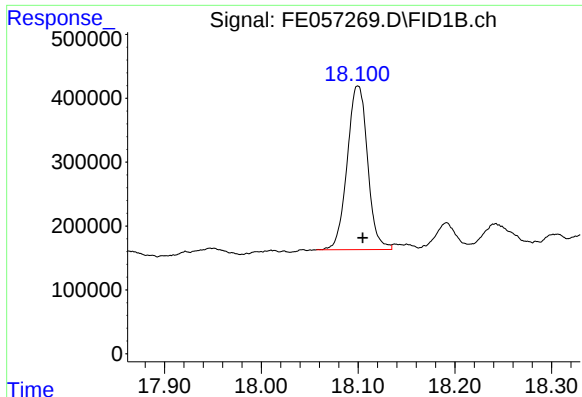
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.005 min
Response: 3656218
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.005 min
Response: 3642550
Conc: 17.73 ug/ml m



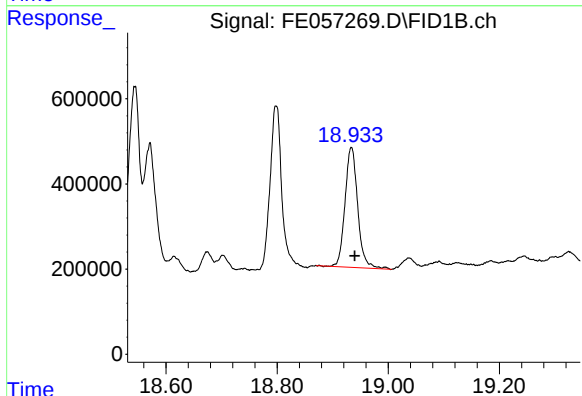
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: -0.005 min
Response: 3754625
Conc: 16.73 ug/ml

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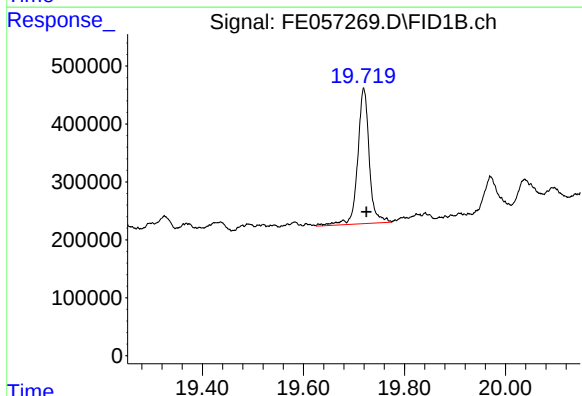
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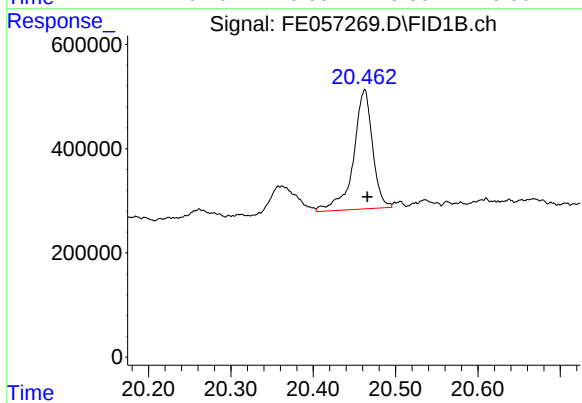
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.006 min
Response: 4469200
Conc: 19.15 ug/ml



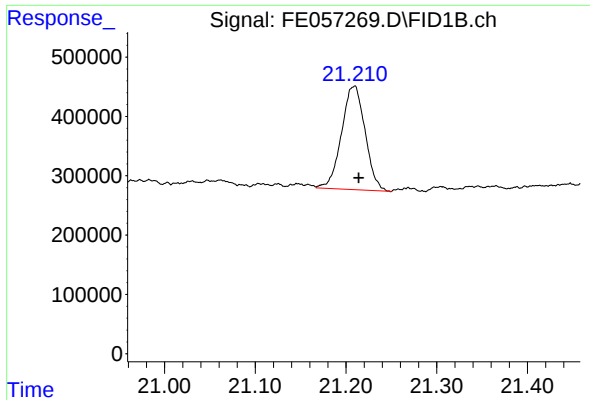
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.005 min
Response: 3704983
Conc: 17.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.004 min
Response: 3667692
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.005 min
Response: 3156022
Conc: 18.21 ug/ml

Instrument :

FID_E

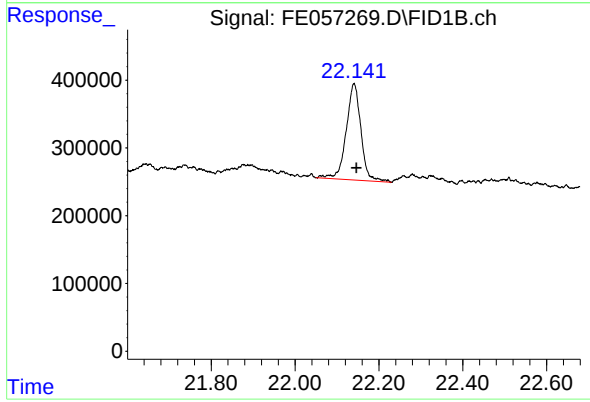
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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.006 min
Response: 3459132
Conc: 20.53 ug/ml