

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
 Data File : FE057302.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 03:45
 Operator : YP\AJ
 Sample : Q3826-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-13MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
 Quant Time: Dec 11 05:46:37 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)	11.933	7909593	36.044 ug/ml
Spiked Amount 50.000		Recovery =	72.09%
12) S 1-chlorooctadecane (S...	13.369	5470827	32.872 ug/ml
Spiked Amount 50.000		Recovery =	65.74%
Target Compounds			
1) T n-Nonane (C9)	3.286	3523445	18.012 ug/ml
2) T n-Decane (C10)	4.541	3961062	19.584 ug/ml
3) T A~Naphthalene (C11.7)	6.260	5159093	25.625 ug/ml
4) T n-Dodecane (C12)	6.714	4603295	22.555 ug/ml
5) T A~2-methylnaphthalene...	7.359	5109226	26.590 ug/ml
6) T n-Tetradecane (C14)	8.549	5231687	25.992 ug/ml
7) T n-Hexadecane (C16)	10.161	5618151	27.396 ug/ml
8) T n-Octadecane (C18)	11.608	5724844	27.775 ug/ml
10) T n-Eicosane (C20)	12.922	5750885	29.235 ug/ml
11) T n-Heneicosane (C21)	13.535	5606358	29.181 ug/ml
13) T n-Docosane (C22)	14.122	5601038	29.015 ug/ml
14) T n-Tetracosane (C24)	15.231	13046051	65.870 ug/ml
15) T n-Hexacosane (C26)	16.253	5400154	27.220 ug/ml
16) T n-Octacosane (C28)	17.205	7215374	35.111 ug/mlm
17) T n-Tricontane (C30)	18.096	5267675	23.472 ug/ml
18) T n-Dotriacontane (C32)	18.930	5008829	21.457 ug/ml
19) T n-Tetratriacontane (C34)	19.715	4724340	22.119 ug/ml
20) T n-Hexatriacontane (C36)	20.456	4458210	23.952 ug/ml
21) T n-Octatriacontane (C38)	21.203	4452334	25.690 ug/ml
22) T n-Tetracontane (C40)	22.132	4515182	26.794 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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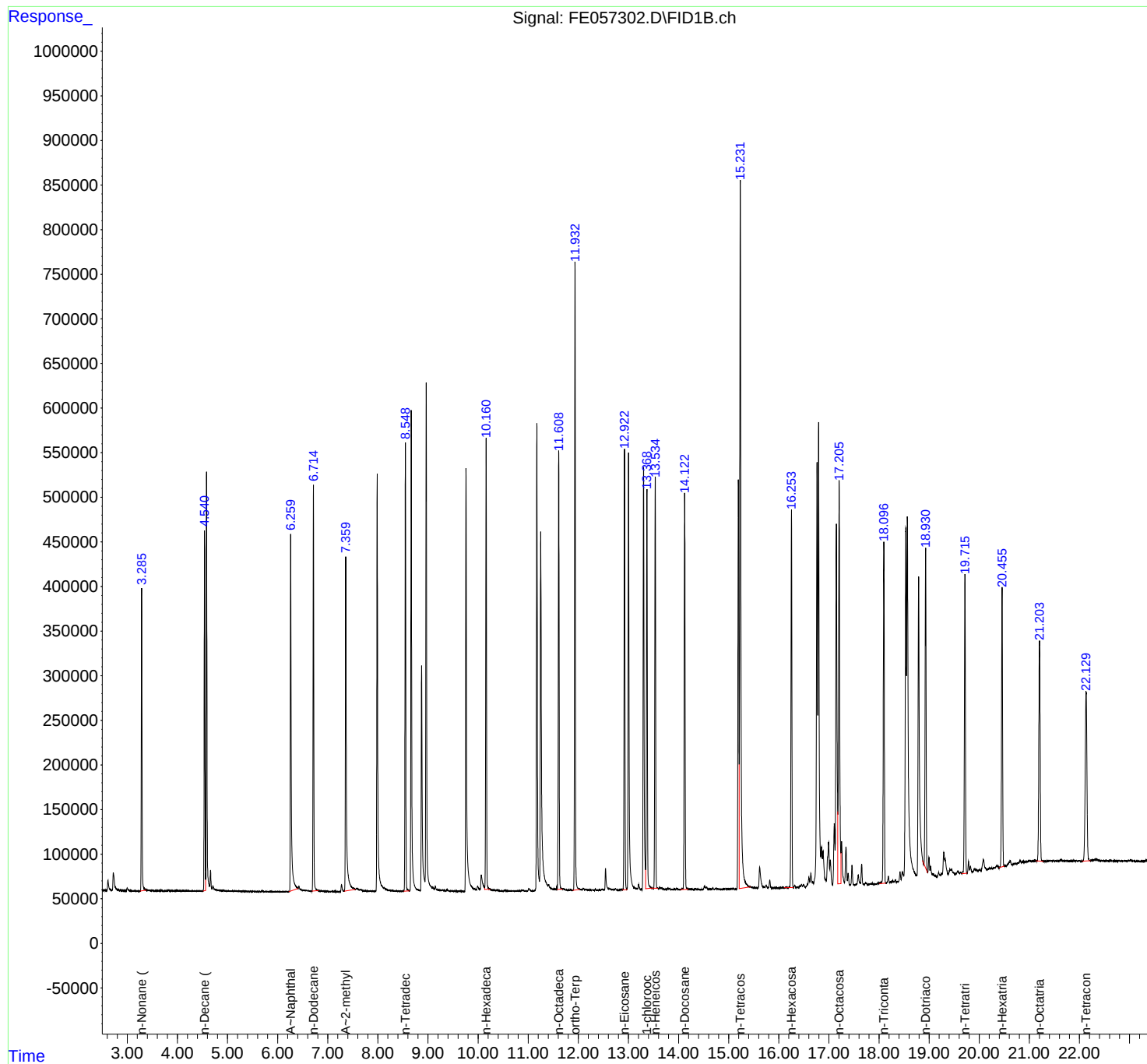
Instrument :
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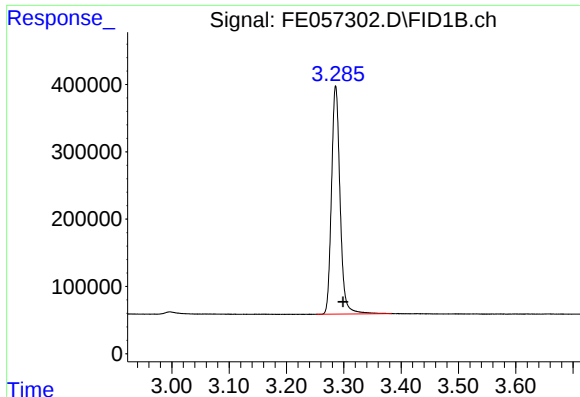
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#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.013 min
Response: 3523445
Conc: 18.01 ug/ml

Instrument :

FID_E

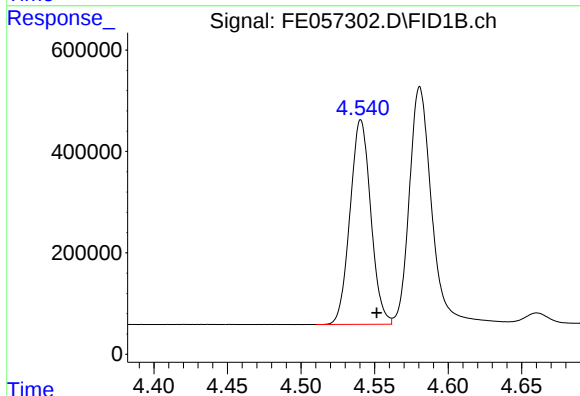
ClientSampleId :

TP-13MS

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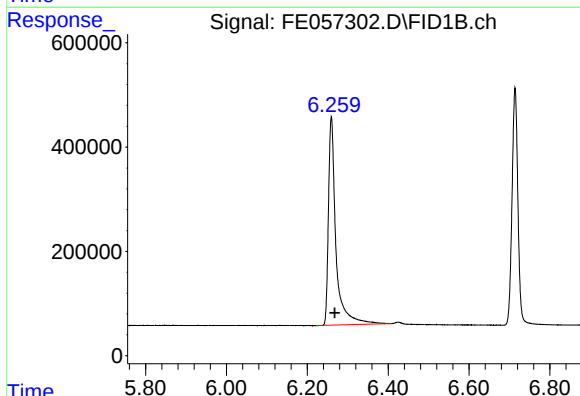
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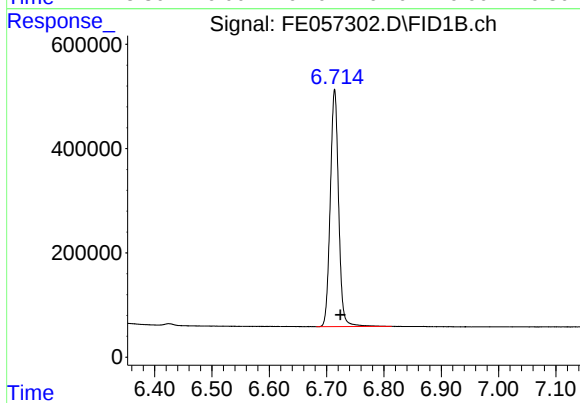
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 3961062
Conc: 19.58 ug/ml



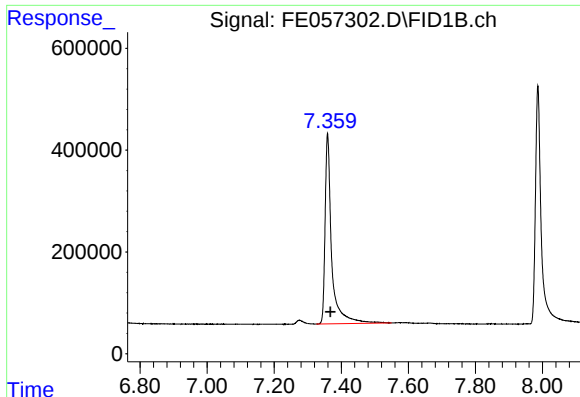
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.008 min
Response: 5159093
Conc: 25.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.714 min
Delta R.T.: -0.010 min
Response: 4603295
Conc: 22.55 ug/ml



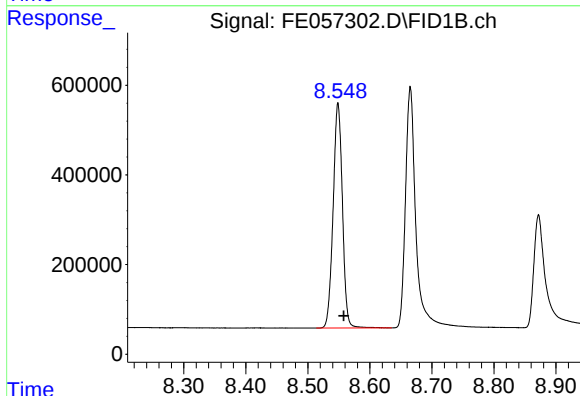
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: -0.008 min
Response: 5109226
Conc: 26.59 ug/ml

Instrument :
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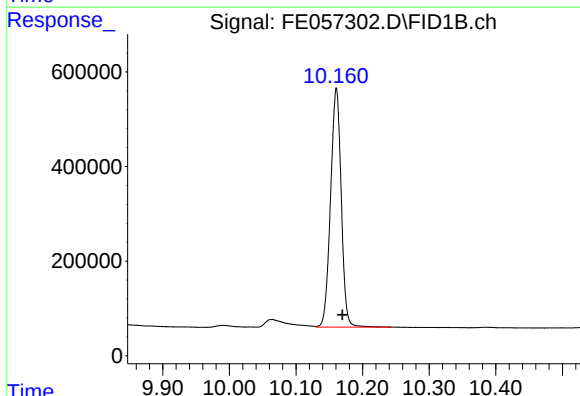
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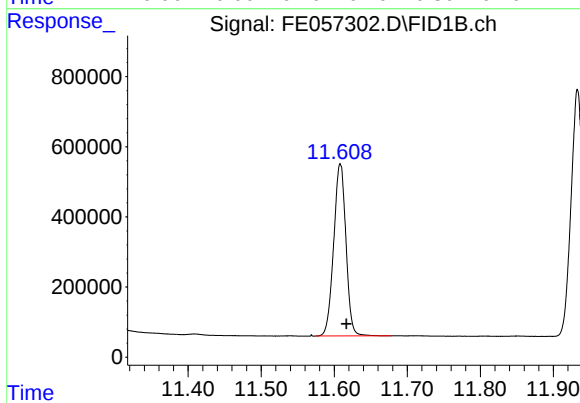
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.009 min
Response: 5231687
Conc: 25.99 ug/ml



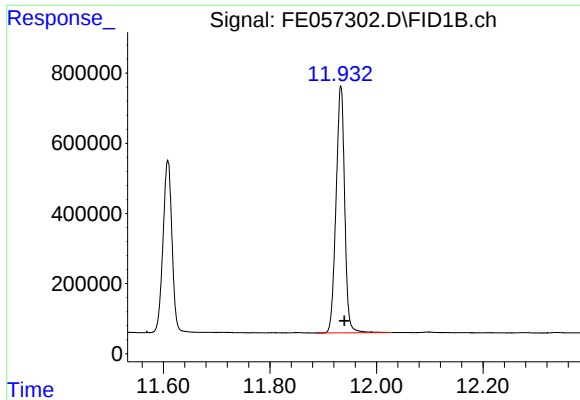
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 5618151
Conc: 27.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.009 min
Response: 5724844
Conc: 27.78 ug/ml



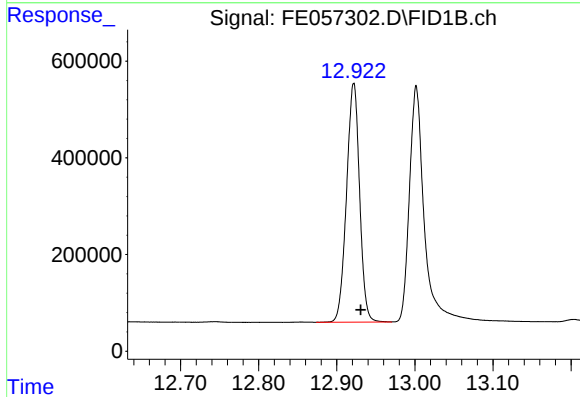
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 7909593
Conc: 36.04 ug/ml

Instrument :
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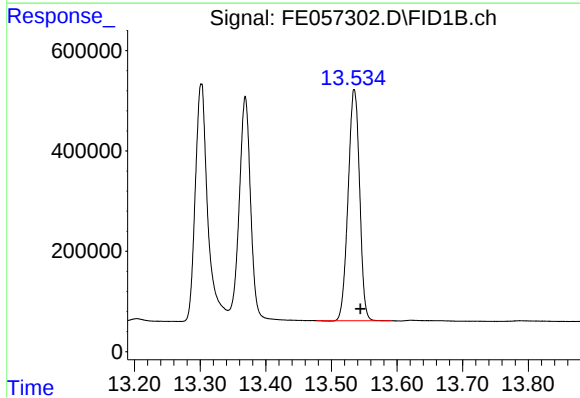
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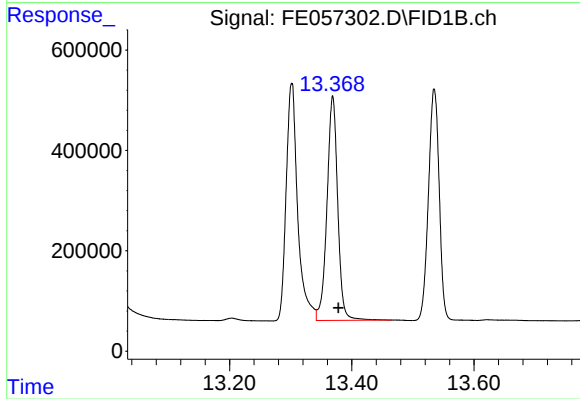
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.009 min
Response: 5750885
Conc: 29.24 ug/ml



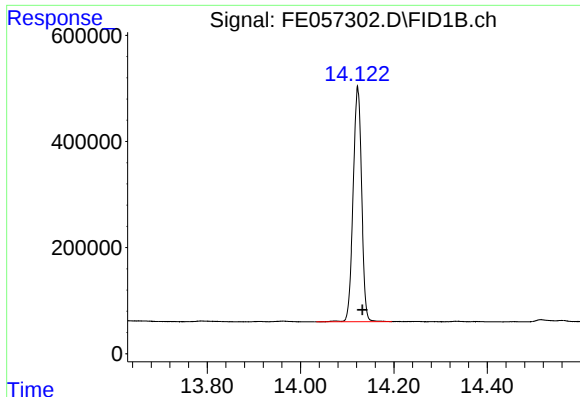
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.009 min
Response: 5606358
Conc: 29.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.010 min
Response: 5470827
Conc: 32.87 ug/ml



#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 5601038
Conc: 29.01 ug/ml

Instrument :

FID_E

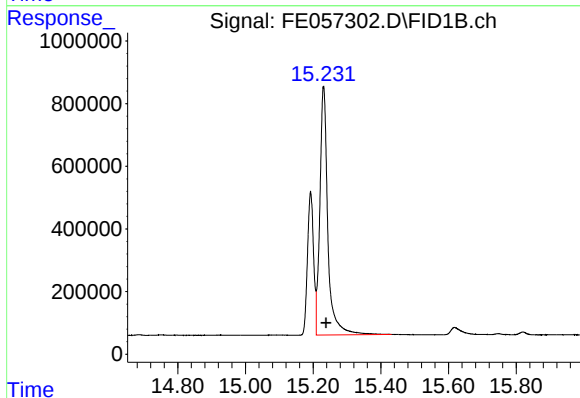
ClientSampleId :

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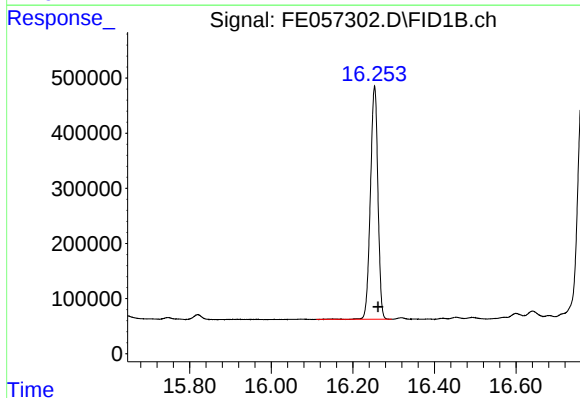
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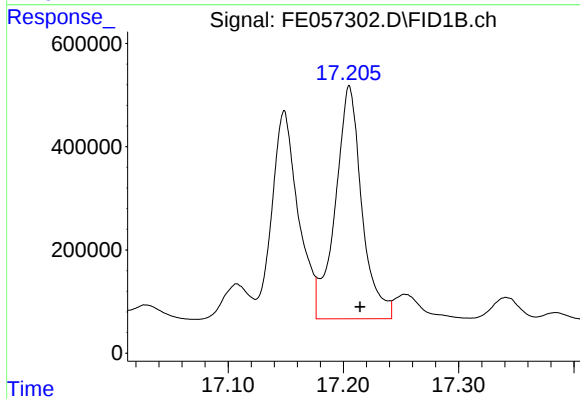
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.007 min
Response: 13046051
Conc: 65.87 ug/ml



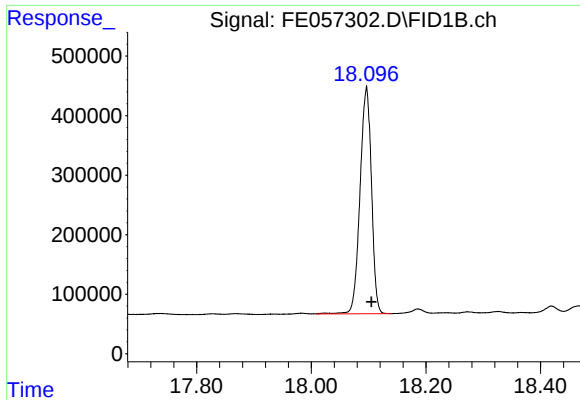
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 5400154
Conc: 27.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.010 min
Response: 7215374
Conc: 35.11 ug/ml m



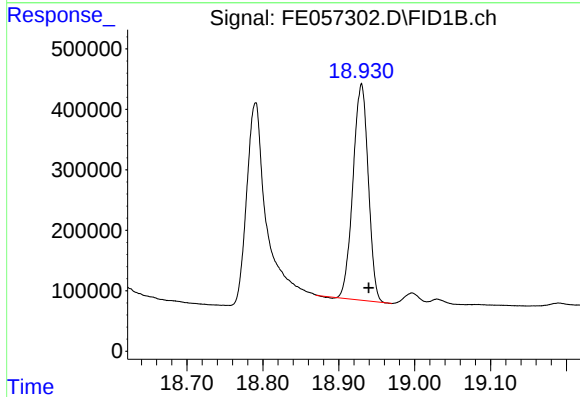
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 5267675
Conc: 23.47 ug/ml

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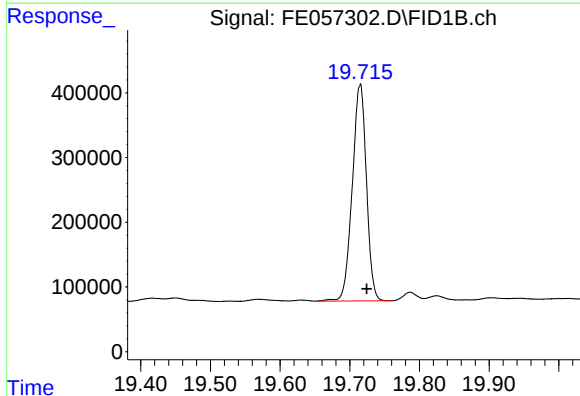
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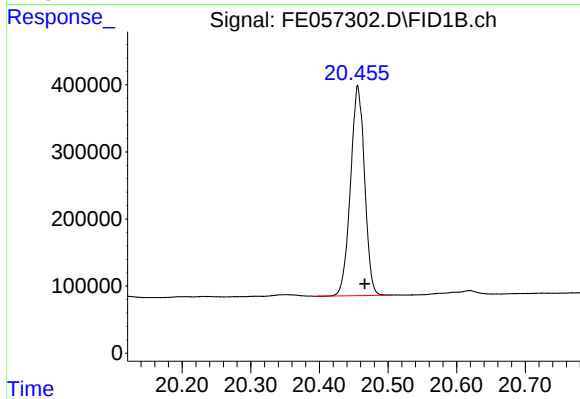
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.010 min
Response: 5008829
Conc: 21.46 ug/ml



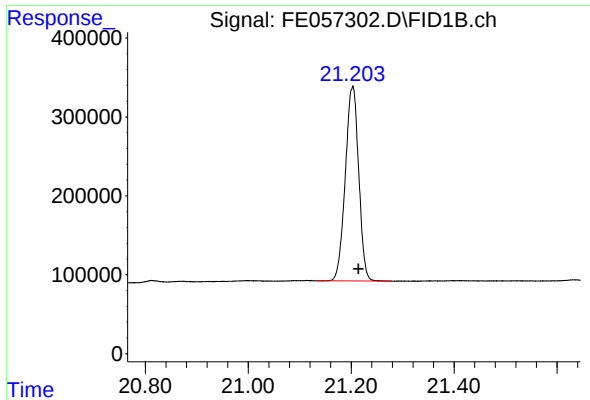
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.010 min
Response: 4724340
Conc: 22.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.010 min
Response: 4458210
Conc: 23.95 ug/ml



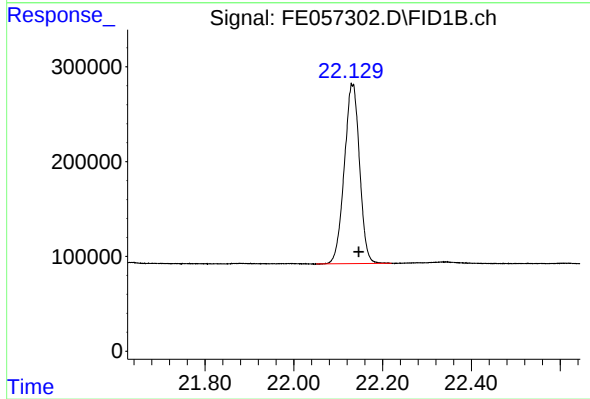
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.011 min
Response: 4452334
Conc: 25.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.015 min
Response: 4515182
Conc: 26.79 ug/ml