

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057265.D
 Signal(s) : FID1B.ch
 Acq On : 10 Dec 2025 01:29
 Operator : YP\AJ
 Sample : PB170876BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170876BSD

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 05:29:49 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)	11.932	7296337	33.250 ug/ml
Spiked Amount 50.000		Recovery =	66.50%
12) S 1-chlorooctadecane (S...	13.368	5137643	30.870 ug/ml
Spiked Amount 50.000		Recovery =	61.74%
Target Compounds			
1) T n-Nonane (C9)	3.298	5225571	26.714 ug/ml
2) T n-Decane (C10)	4.548	5534719	27.364 ug/ml
3) T A~Naphthalene (C11.7)	6.262	7301745	36.268 ug/ml
4) T n-Dodecane (C12)	6.716	6165090	30.207 ug/ml
5) T A~2-methylnaphthalene...	7.361	6637084	34.541 ug/ml
6) T n-Tetradecane (C14)	8.550	6323152	31.415 ug/ml
7) T n-Hexadecane (C16)	10.162	6199681	30.231 ug/ml
8) T n-Octadecane (C18)	11.608	6138366	29.782 ug/ml
10) T n-Eicosane (C20)	12.921	6076477	30.890 ug/ml
11) T n-Heneicosane (C21)	13.534	5963452	31.040 ug/ml
13) T n-Docosane (C22)	14.123	5853752	30.324 ug/ml
14) T n-Tetracosane (C24)	15.231	13519416	68.260 ug/ml
15) T n-Hexacosane (C26)	16.253	5681083	28.636 ug/ml
16) T n-Octacosane (C28)	17.204	7459861	36.301 ug/mlm
17) T n-Tricontane (C30)	18.095	5548659	24.724 ug/ml
18) T n-Dotriacontane (C32)	18.928	5111498	21.897 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5173379	24.221 ug/ml
20) T n-Hexatriacontane (C36)	20.456	5038027	27.067 ug/ml
21) T n-Octatriacontane (C38)	21.201	5177874	29.877 ug/ml
22) T n-Tetracontane (C40)	22.130	5345290	31.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 23 Sample Multiplier: 1

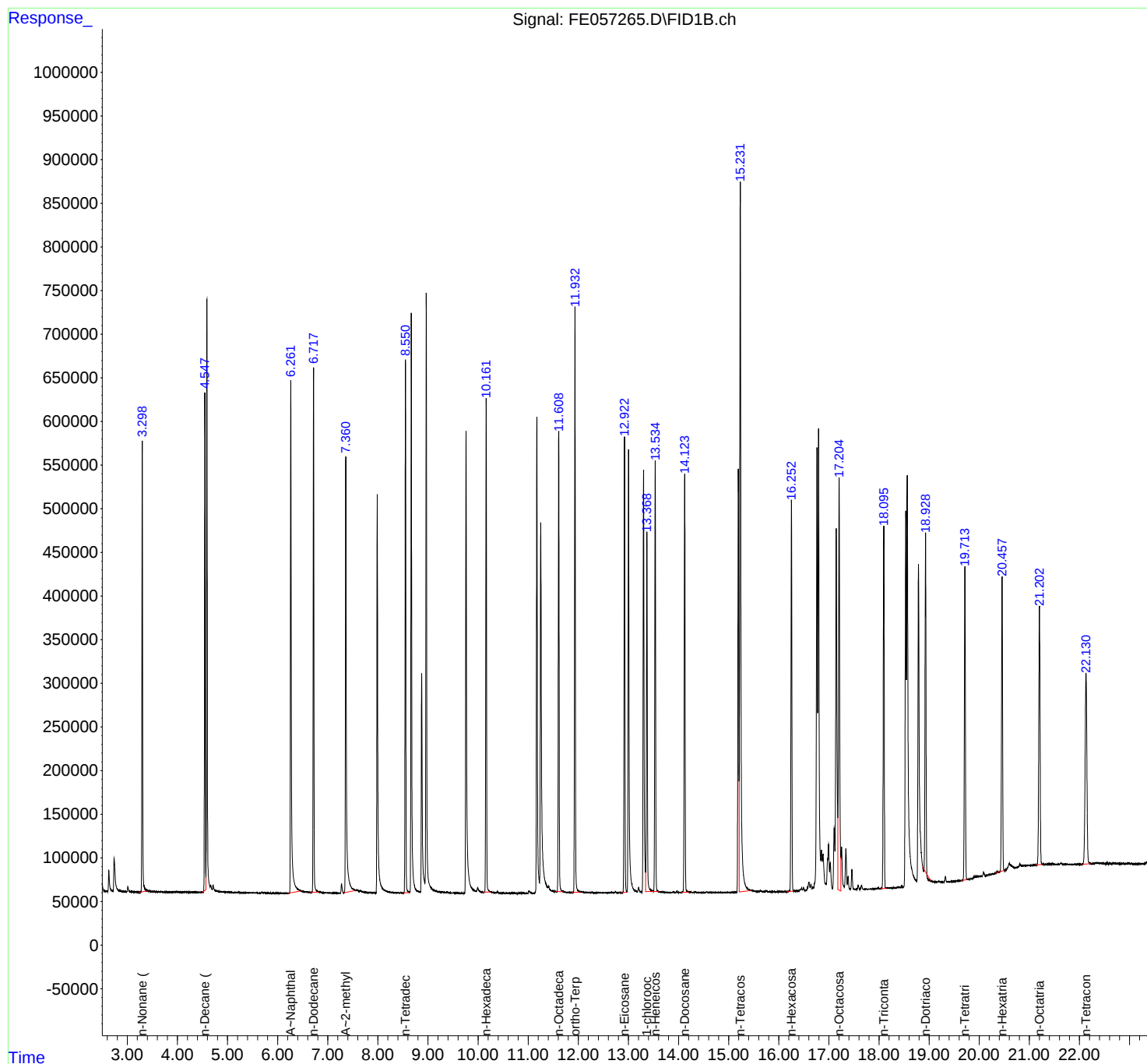
Instrument :
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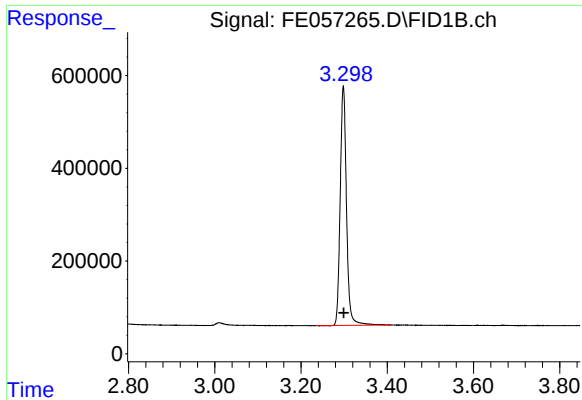
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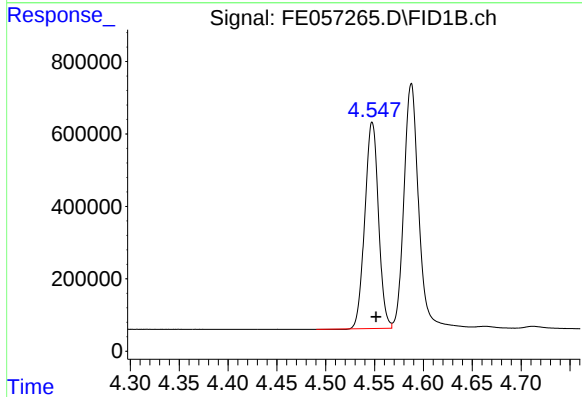
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 5225571
Conc: 26.71 ug/ml

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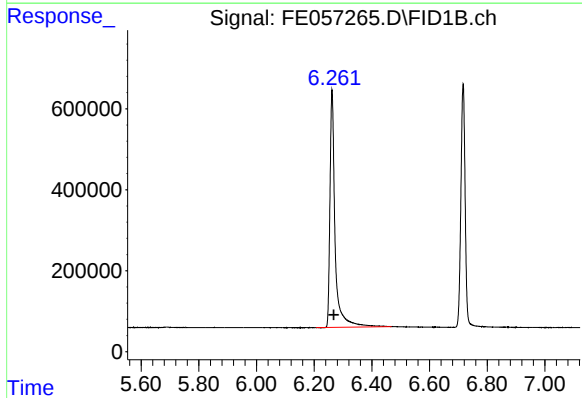
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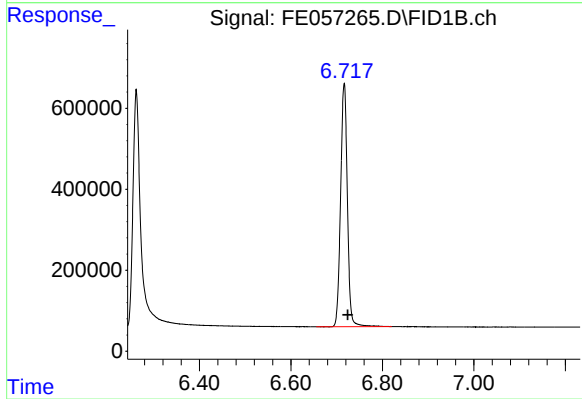
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.004 min
Response: 5534719
Conc: 27.36 ug/ml



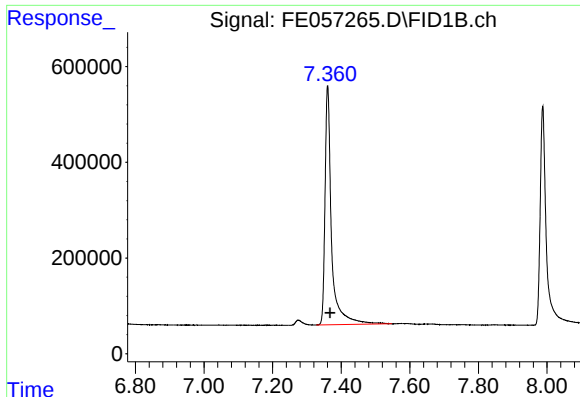
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.006 min
Response: 7301745
Conc: 36.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 6165090
Conc: 30.21 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 6637084
Conc: 34.54 ug/ml

Instrument :

FID_E

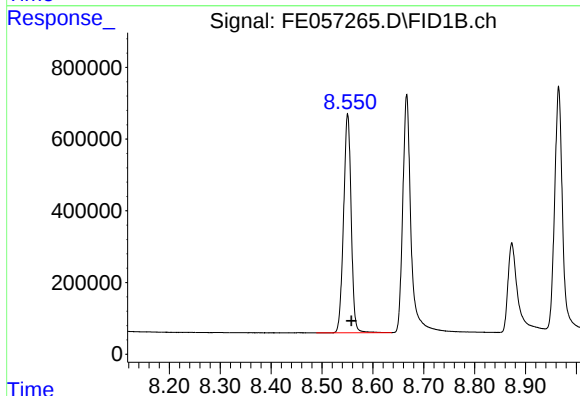
ClientSampleId :

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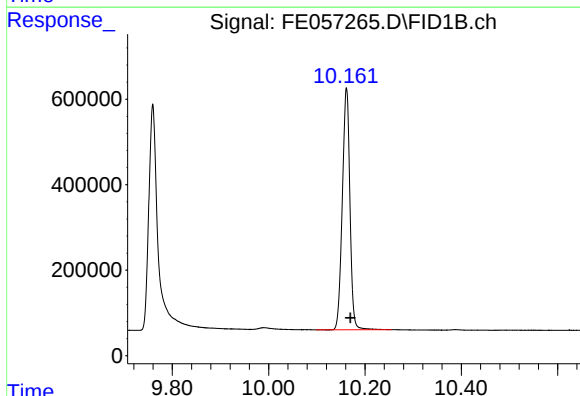
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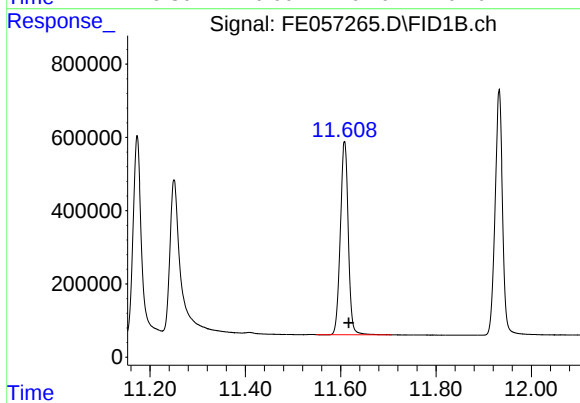
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.007 min
Response: 6323152
Conc: 31.41 ug/ml



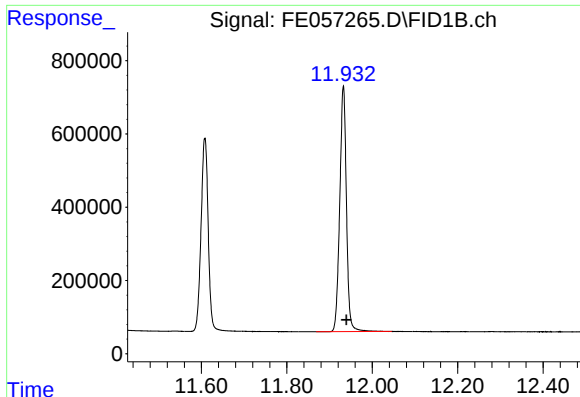
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 6199681
Conc: 30.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.009 min
Response: 6138366
Conc: 29.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 7296337
Conc: 33.25 ug/ml

Instrument :

FID_E

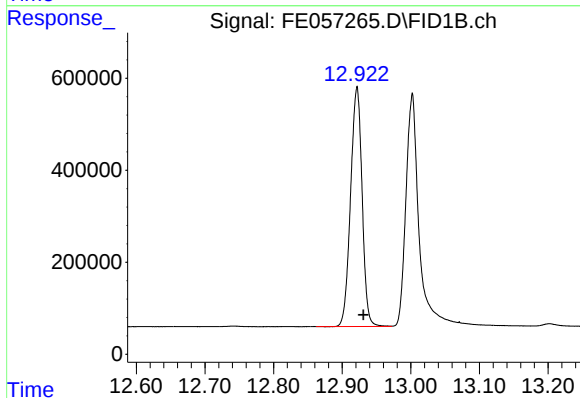
ClientSampleId :

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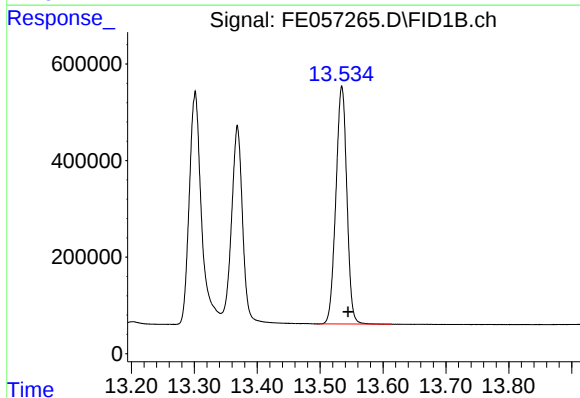
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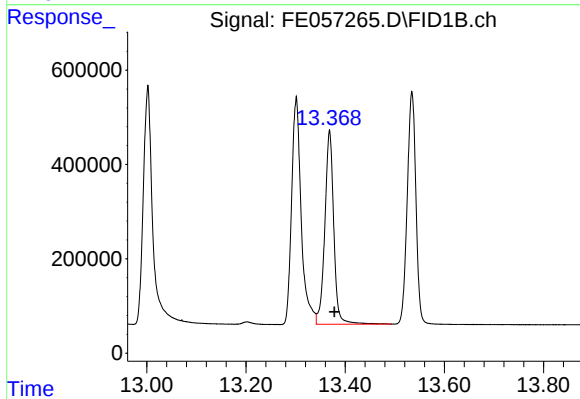
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 6076477
Conc: 30.89 ug/ml



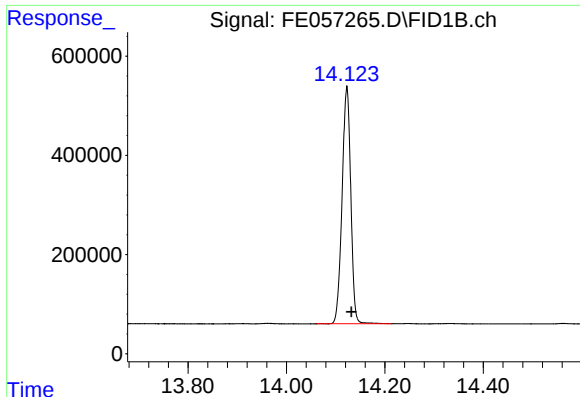
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.010 min
Response: 5963452
Conc: 31.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.010 min
Response: 5137643
Conc: 30.87 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.010 min
Response: 5853752
Conc: 30.32 ug/ml

Instrument :

FID_E

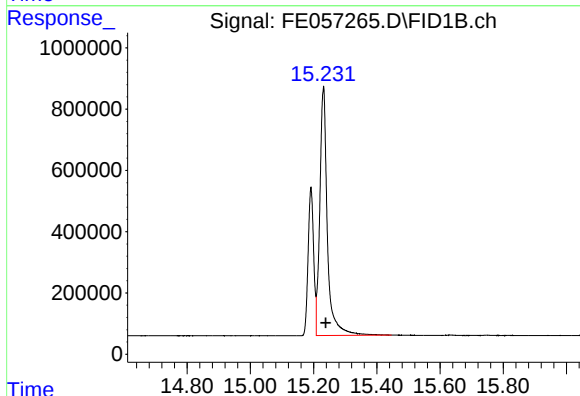
ClientSampleId :

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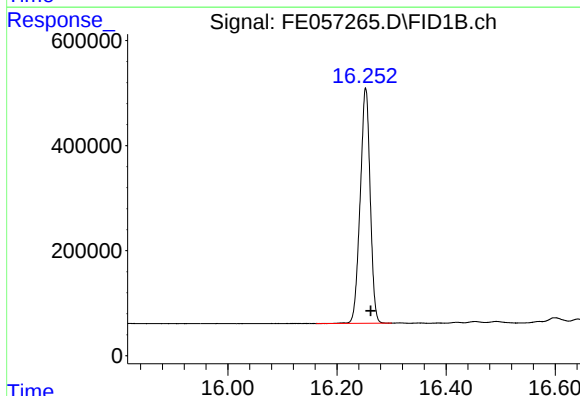
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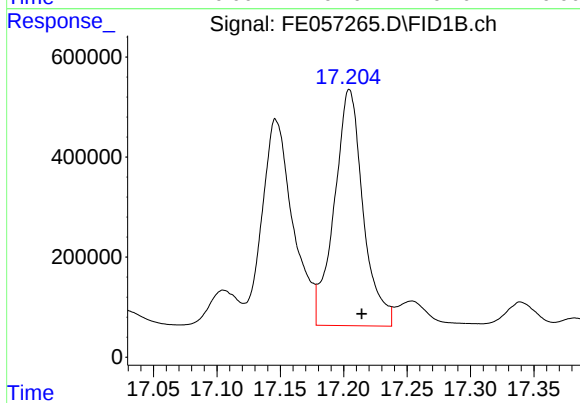
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.007 min
Response: 13519416
Conc: 68.26 ug/ml



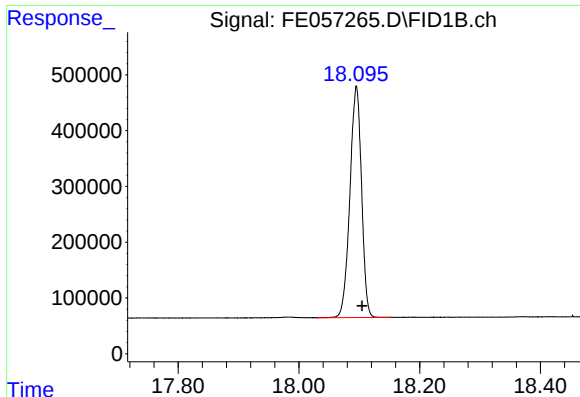
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 5681083
Conc: 28.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.010 min
Response: 7459861
Conc: 36.30 ug/ml m



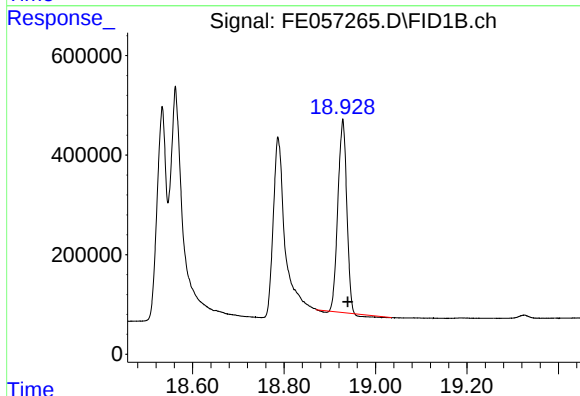
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.010 min
Response: 5548659
Conc: 24.72 ug/ml

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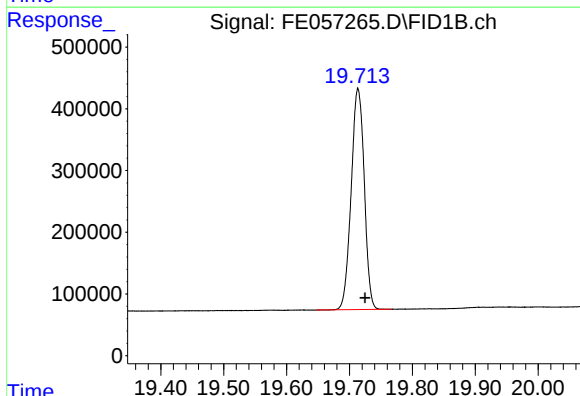
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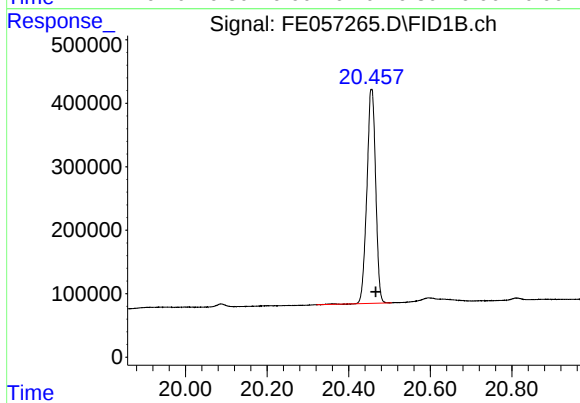
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 5111498
Conc: 21.90 ug/ml



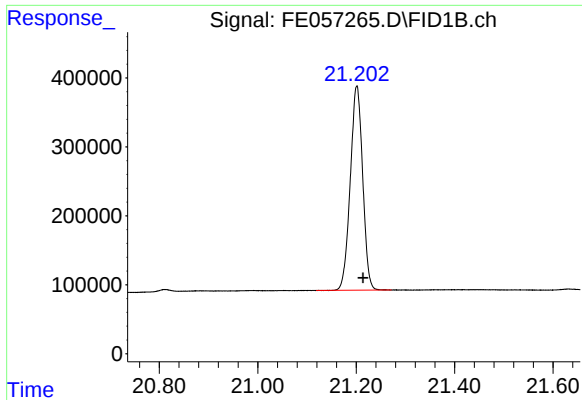
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 5173379
Conc: 24.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.010 min
Response: 5038027
Conc: 27.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 5177874
Conc: 29.88 ug/ml

Instrument :

FID_E

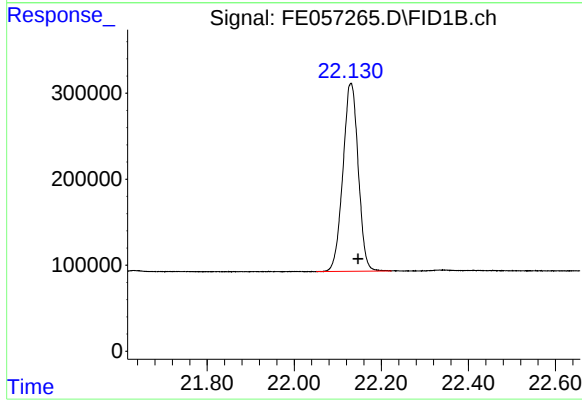
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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.016 min
Response: 5345290
Conc: 31.72 ug/ml