

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055257.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 15:26
 Operator : YP\AJ
 Sample : Q2757-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
 Quant Time: Aug 13 04:03:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.089	5523659	38.680 ug/ml
Spiked Amount 50.000		Recovery =	77.36%
12) S 1-chlorooctadecane (S...	13.525	4470933	41.581 ug/ml
Spiked Amount 50.000		Recovery =	83.16%
Target Compounds			
1) T n-Nonane (C9)	3.434	4650580	40.521 ug/ml
2) T n-Decane (C10)	4.687	4890455	41.980 ug/ml
3) T A~Naphthalene (C11.7)	6.404	6140685	45.747 ug/ml
4) T n-Dodecane (C12)	6.859	5250133	44.088 ug/ml
5) T A~2-methylnaphthalene...	7.505	5794252	44.440 ug/ml
6) T n-Tetradecane (C14)	8.697	5495113	44.818 ug/ml
7) T n-Hexadecane (C16)	10.312	5706173	44.634 ug/ml
8) T n-Octadecane (C18)	11.762	5831338	44.693 ug/ml
10) T n-Eicosane (C20)	13.078	6017459	47.959 ug/ml
11) T n-Heneicosane (C21)	13.692	5773777	46.839 ug/ml
13) T n-Docosane (C22)	14.281	5778919	47.322 ug/ml
14) T n-Tetracosane (C24)	15.392	11759399	96.679 ug/ml
15) T n-Hexacosane (C26)	16.415	5632116	47.073 ug/ml
16) T n-Octacosane (C28)	17.368	5589953	47.123 ug/ml
17) T n-Tricontane (C30)	18.260	5651166	45.926 ug/mlm
18) T n-Dotriacontane (C32)	19.092	5838559	47.853 ug/mlm
19) T n-Tetratriacontane (C34)	19.880	6117656	52.324 ug/mlm
20) T n-Hexatriacontane (C36)	20.620	5926229	54.220 ug/ml
21) T n-Octatriacontane (C38)	21.403	6203713	57.404 ug/mlm
22) T n-Tetracontane (C40)	22.398	6232112	59.595 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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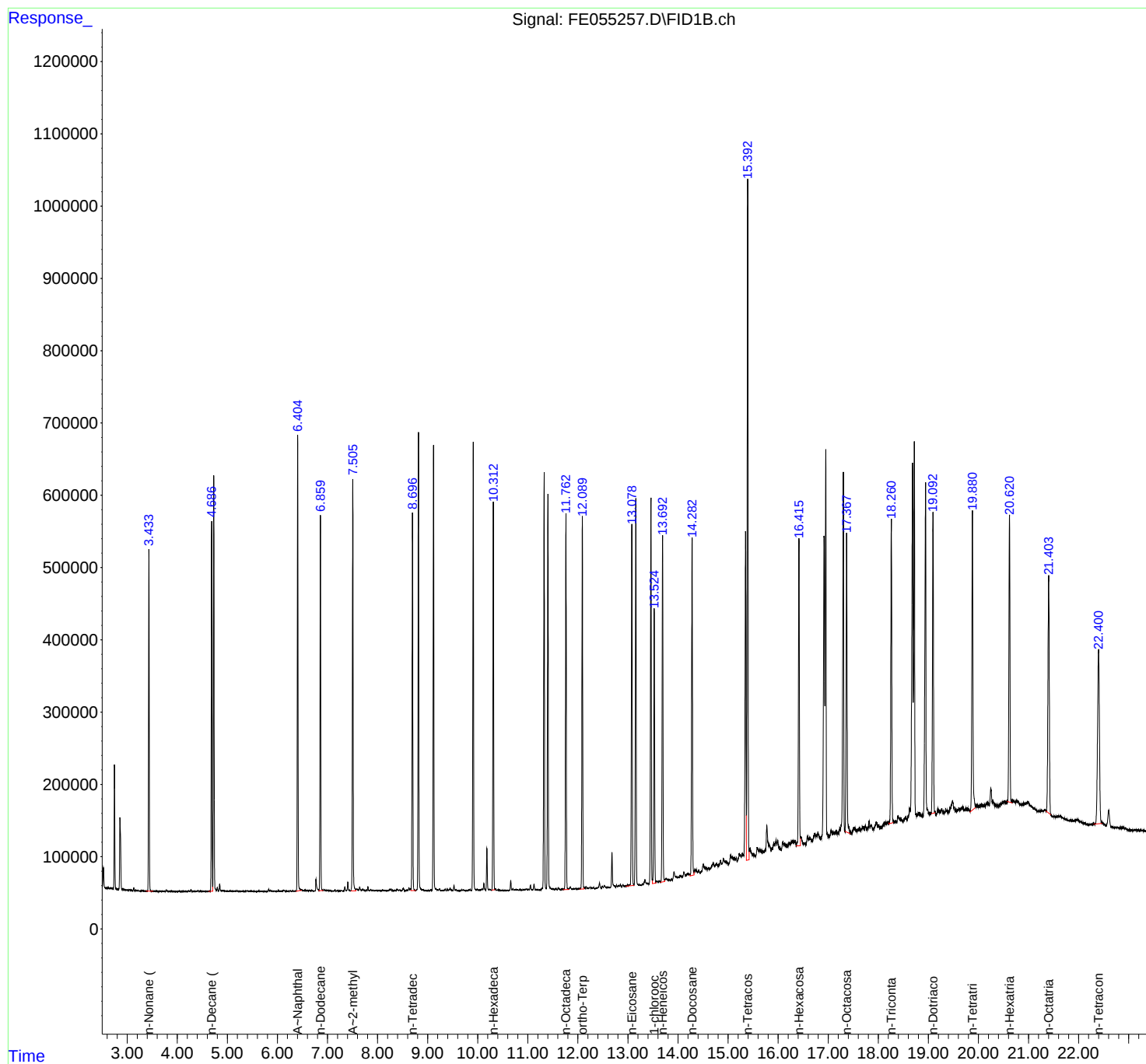
Instrument :
FID_E
ClientSampleId :
5MS

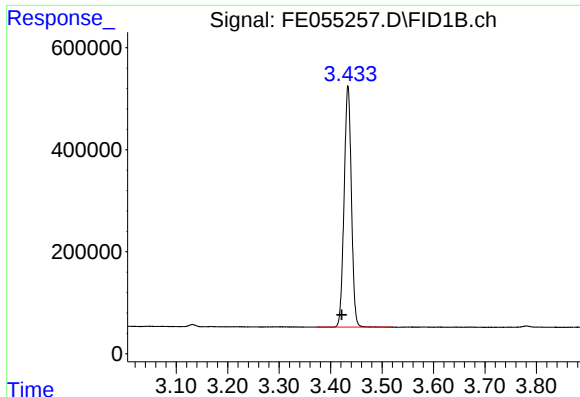
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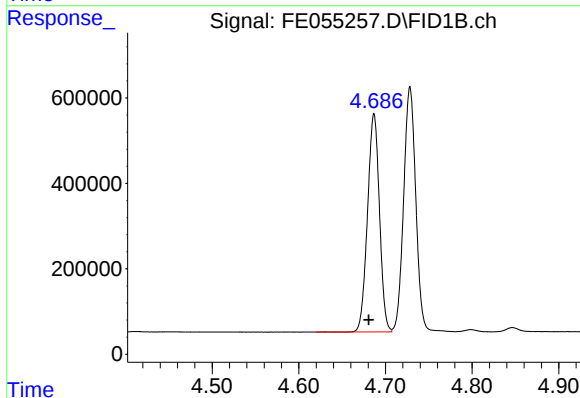
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: 0.012 min
Response: 4650580
Conc: 40.52 ug/ml

Instrument :
FID_E
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SMS

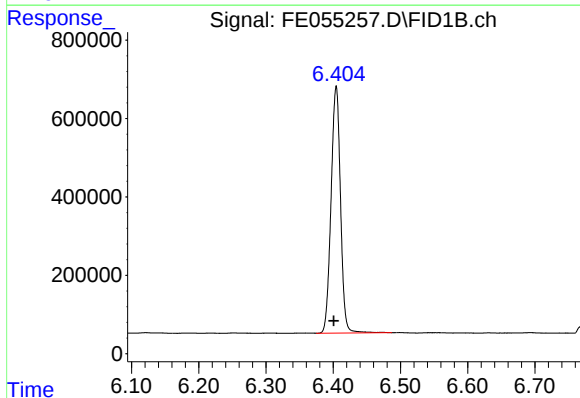
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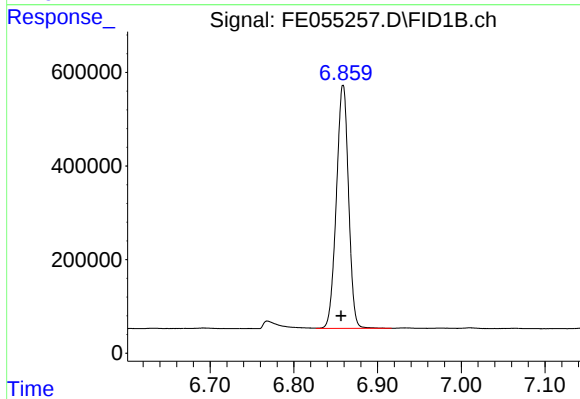
#2 n-Decane (C10)

R.T.: 4.687 min
Delta R.T.: 0.006 min
Response: 4890455
Conc: 41.98 ug/ml



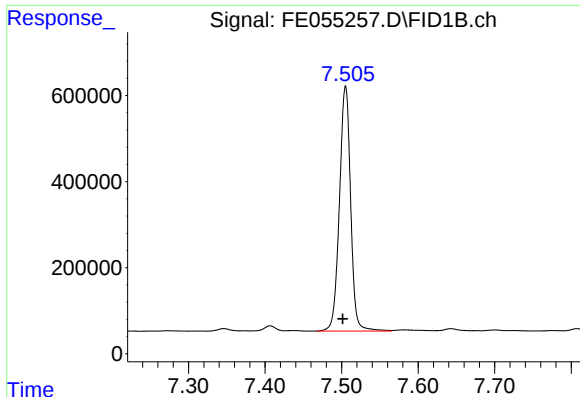
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.004 min
Response: 6140685
Conc: 45.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 5250133
Conc: 44.09 ug/ml



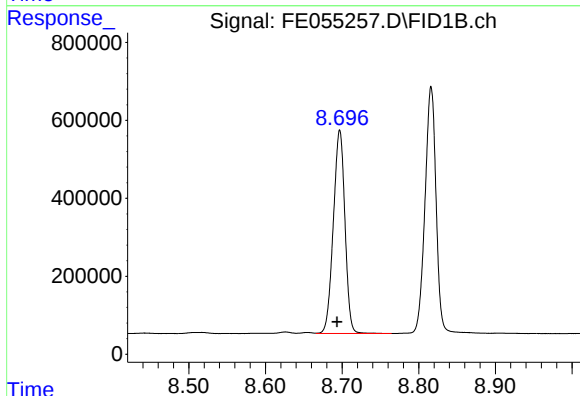
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 5794252
Conc: 44.44 ug/ml

Instrument :
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ClientSampleId :
SMS

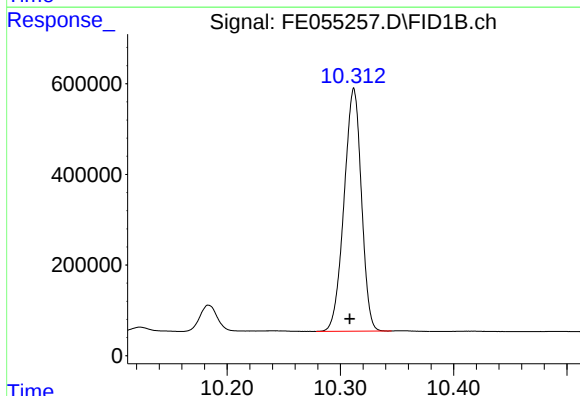
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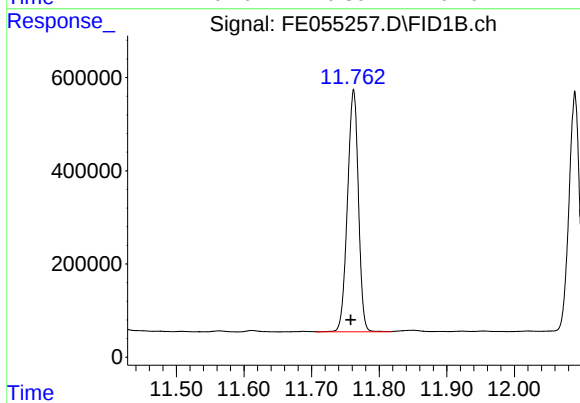
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 5495113
Conc: 44.82 ug/ml



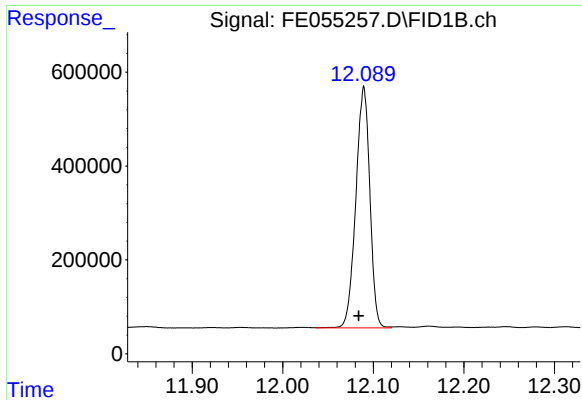
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 5706173
Conc: 44.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 5831338
Conc: 44.69 ug/ml



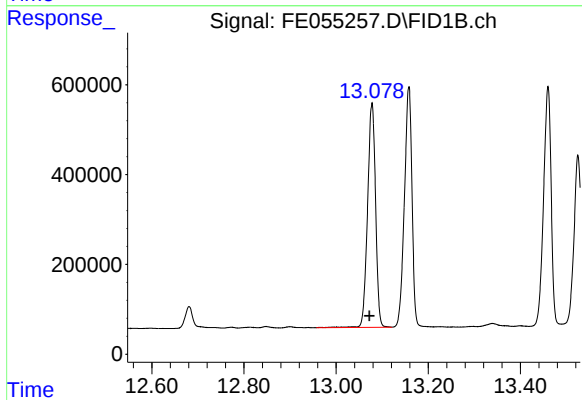
#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.005 min
Response: 5523659
Conc: 38.68 ug/ml

Instrument :
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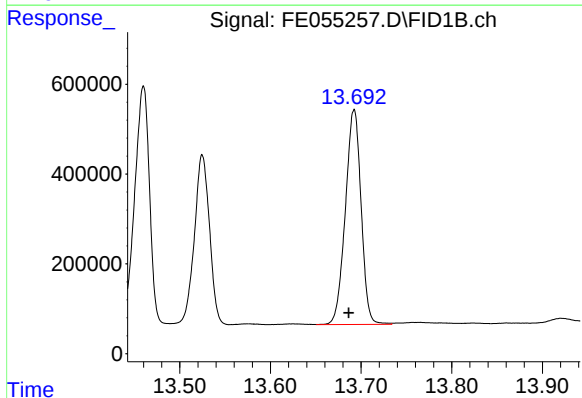
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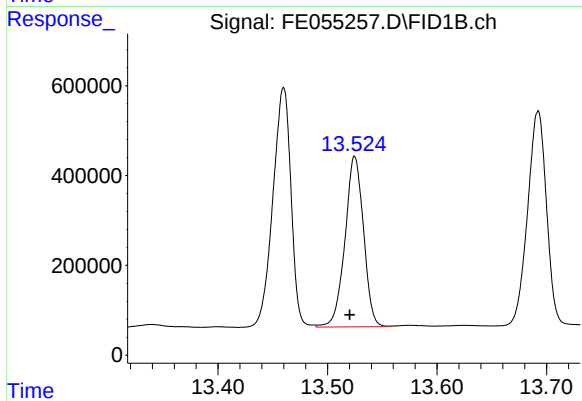
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.005 min
Response: 6017459
Conc: 47.96 ug/ml



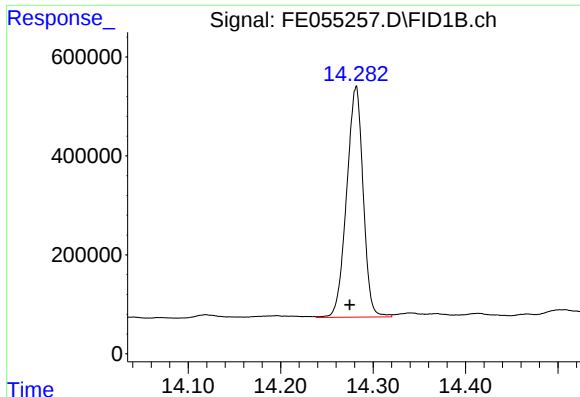
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.006 min
Response: 5773777
Conc: 46.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 4470933
Conc: 41.58 ug/ml



#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 5778919
Conc: 47.32 ug/ml

Instrument :

FID_E

ClientSampleId :

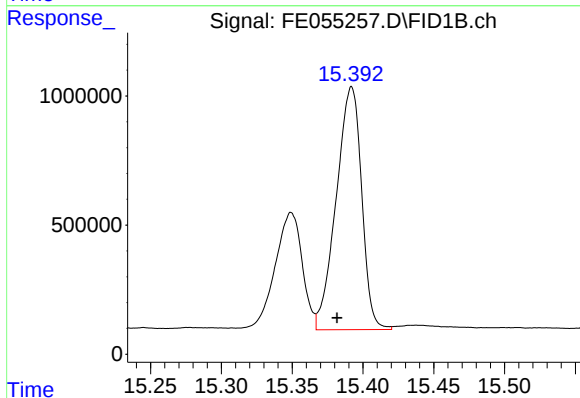
5MS

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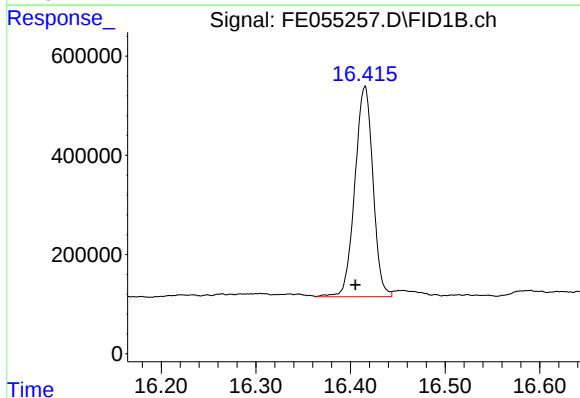
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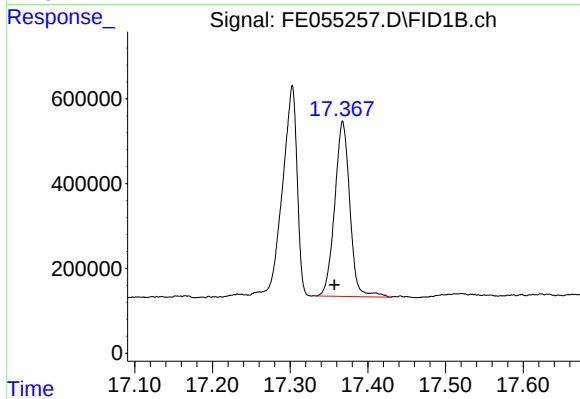
#14 n-Tetracosane (C24)

R.T.: 15.392 min
Delta R.T.: 0.010 min
Response: 11759399
Conc: 96.68 ug/ml



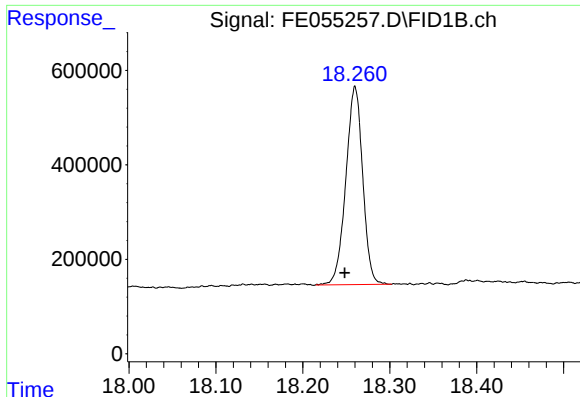
#15 n-Hexacosane (C26)

R.T.: 16.415 min
Delta R.T.: 0.010 min
Response: 5632116
Conc: 47.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.368 min
Delta R.T.: 0.011 min
Response: 5589953
Conc: 47.12 ug/ml



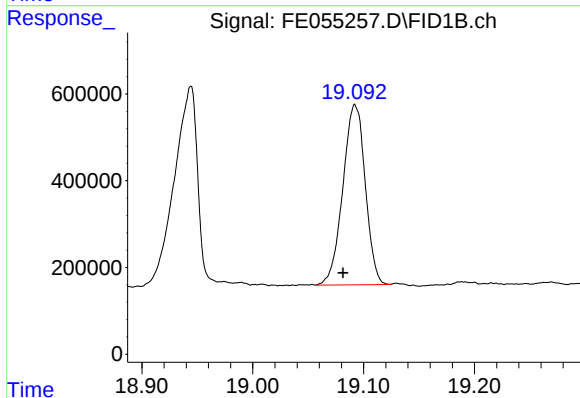
#17 n-Tricontane (C30)

R.T.: 18.260 min
Delta R.T.: 0.012 min
Response: 5651166
Conc: 45.93 ug/ml

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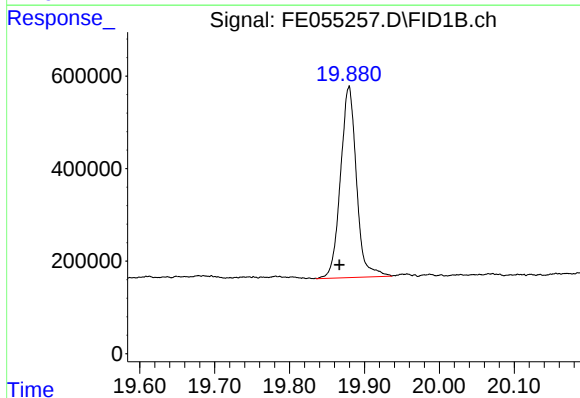
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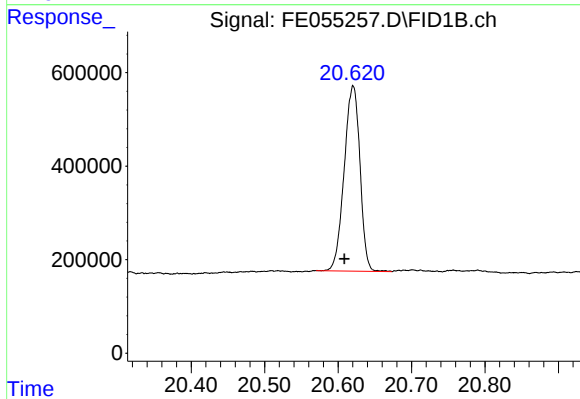
#18 n-Dotriacontane (C32)

R.T.: 19.092 min
Delta R.T.: 0.010 min
Response: 5838559
Conc: 47.85 ug/ml m



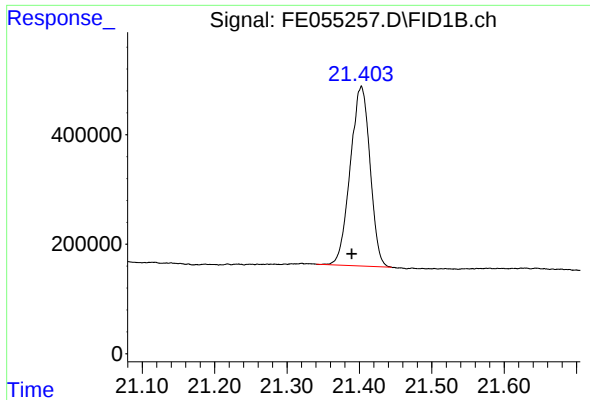
#19 n-Tetratriacontane (C34)

R.T.: 19.880 min
Delta R.T.: 0.013 min
Response: 6117656
Conc: 52.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.620 min
Delta R.T.: 0.012 min
Response: 5926229
Conc: 54.22 ug/ml



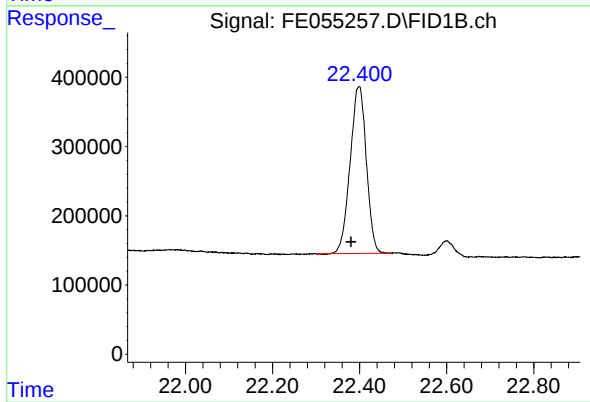
#21 n-Octatriacontane (C38)

R.T.: 21.403 min
Delta R.T.: 0.013 min
Response: 6203713
Conc: 57.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.398 min
Delta R.T.: 0.017 min
Response: 6232112
Conc: 59.59 ug/ml