

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112425AL\
 Data File : FE057000.D
 Signal(s) : FID1B.ch
 Acq On : 24 Nov 2025 15:42
 Operator : YP\AJ
 Sample : PB170707BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170707BSD

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 01:18:09 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)	11.946	6804418	32.571 ug/ml
Spiked Amount 50.000		Recovery =	65.14%
12) S 1-chlorooctadecane (S...	13.382	4603411	28.572 ug/ml
Spiked Amount 50.000		Recovery =	57.14%
Target Compounds			
1) T n-Nonane (C9)	3.316	5831733	34.720 ug/ml
2) T n-Decane (C10)	4.564	6310616	36.776 ug/ml
3) T A~Naphthalene (C11.7)	6.275	7748779	41.980 ug/ml
4) T n-Dodecane (C12)	6.731	6861125	39.448 ug/ml
5) T A~2-methylnaphthalene...	7.374	6984756	39.412 ug/ml
6) T n-Tetradecane (C14)	8.566	7026927	40.257 ug/ml
7) T n-Hexadecane (C16)	10.175	6922067	37.834 ug/ml
8) T n-Octadecane (C18)	11.623	6832472	36.099 ug/ml
10) T n-Eicosane (C20)	12.936	6770217	36.328 ug/ml
11) T n-Heneicosane (C21)	13.550	6632600	36.070 ug/ml
13) T n-Docosane (C22)	14.137	6545635	34.966 ug/ml
14) T n-Tetracosane (C24)	15.245	14052026	71.744 ug/ml
15) T n-Hexacosane (C26)	16.269	6312791	32.484 ug/ml
16) T n-Octacosane (C28)	17.218	6550629	33.825 ug/ml
17) T n-Tricontane (C30)	18.111	6082178	30.336 ug/ml
18) T n-Dotriacontane (C32)	18.943	6108492	31.063 ug/ml
19) T n-Tetratriacontane (C34)	19.728	6018897	34.870 ug/ml
20) T n-Hexatriacontane (C36)	20.468	5978964	41.332 ug/mlm
21) T n-Octatriacontane (C38)	21.218	6301528	50.067 ug/ml
22) T n-Tetracontane (C40)	22.153	6599183	57.080 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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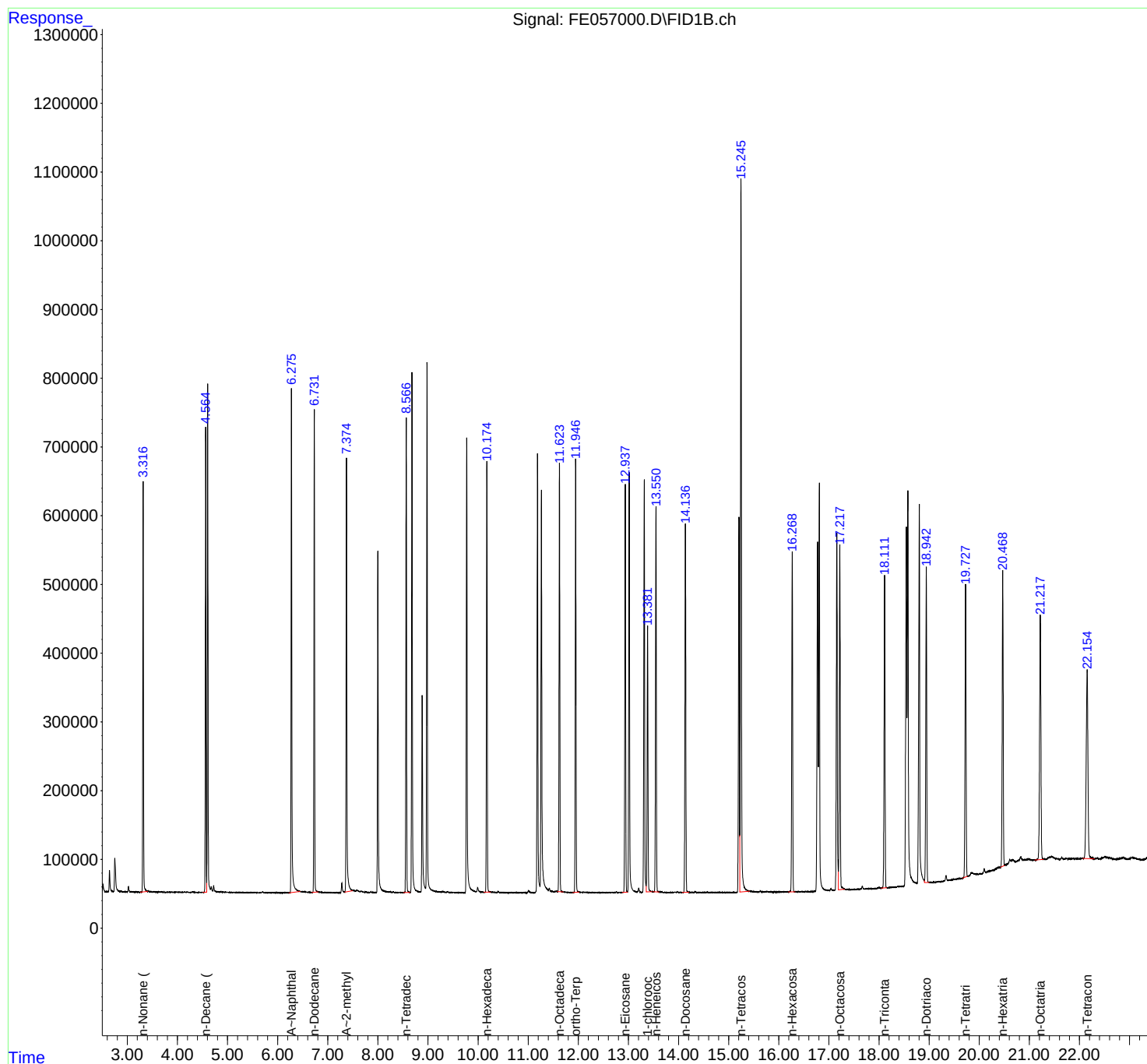
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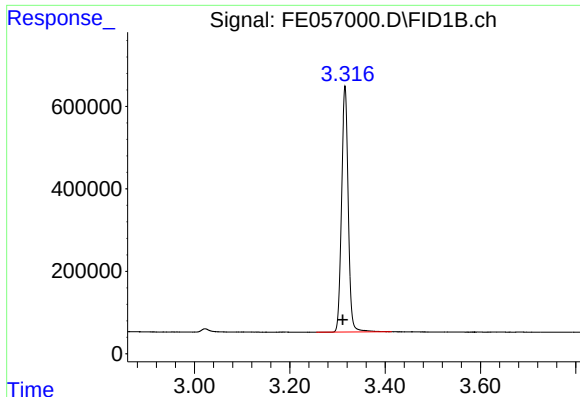
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#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.005 min
Response: 5831733
Conc: 34.72 ug/ml

Instrument :

FID_E

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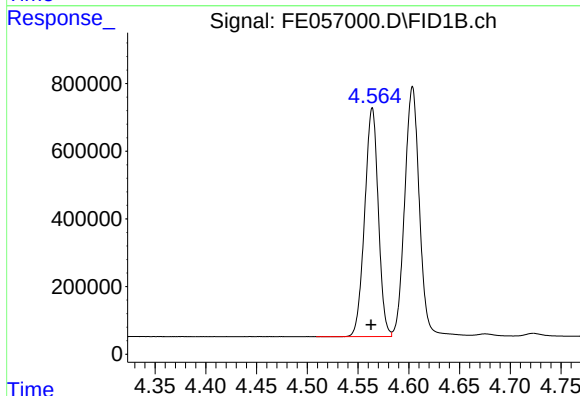
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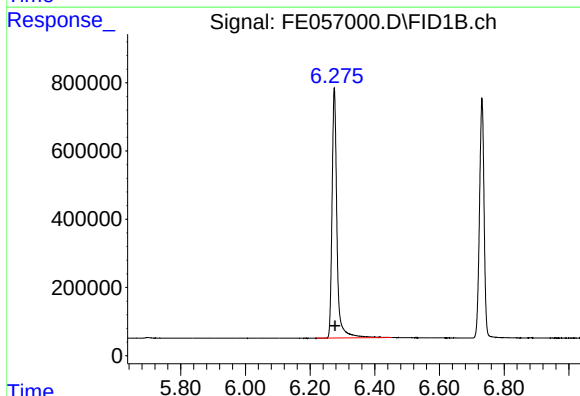
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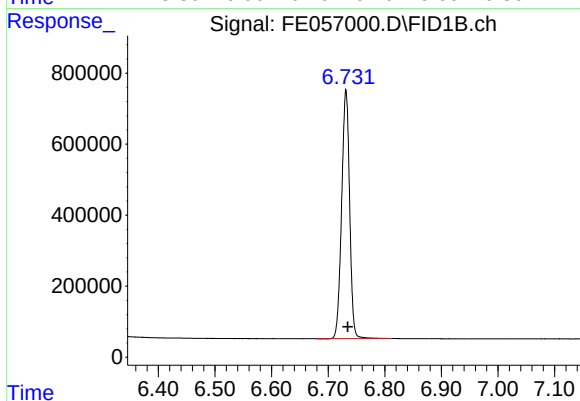
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 6310616
Conc: 36.78 ug/ml



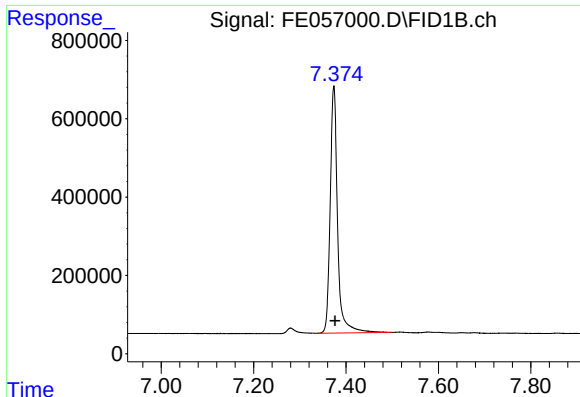
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.003 min
Response: 7748779
Conc: 41.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 6861125
Conc: 39.45 ug/ml



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

R.T.: 7.374 min
Delta R.T.: -0.003 min
Response: 6984756
Conc: 39.41 ug/ml

Instrument :

FID_E

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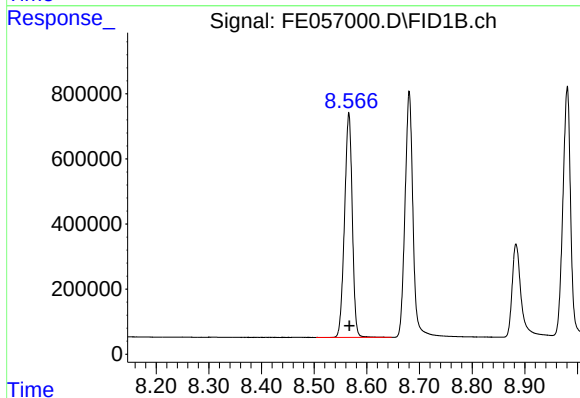
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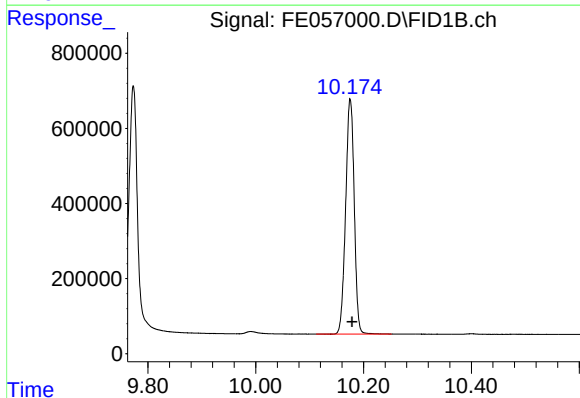
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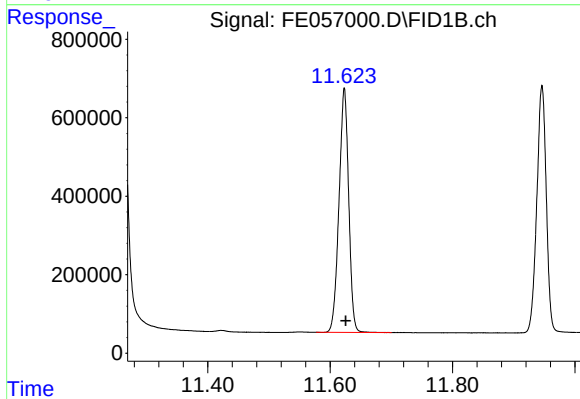
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.001 min
Response: 7026927
Conc: 40.26 ug/ml



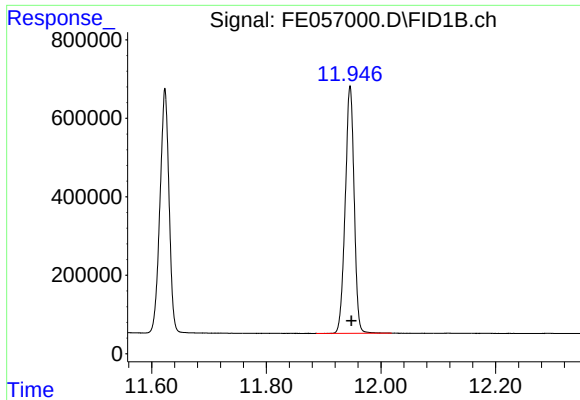
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.003 min
Response: 6922067
Conc: 37.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.003 min
Response: 6832472
Conc: 36.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.002 min
Response: 6804418
Conc: 32.57 ug/ml

Instrument :

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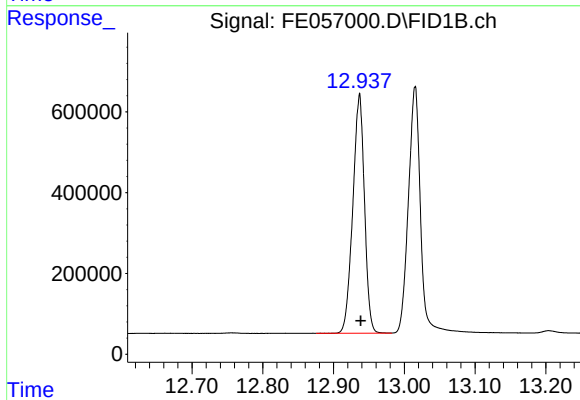
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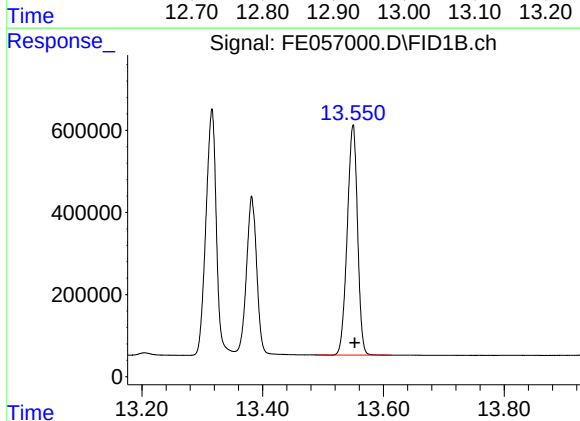
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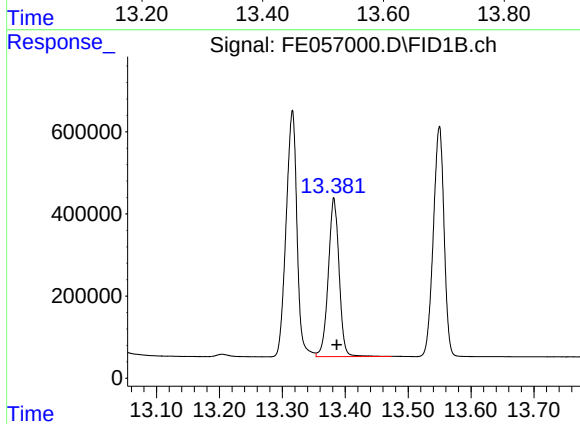
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.002 min
Response: 6770217
Conc: 36.33 ug/ml



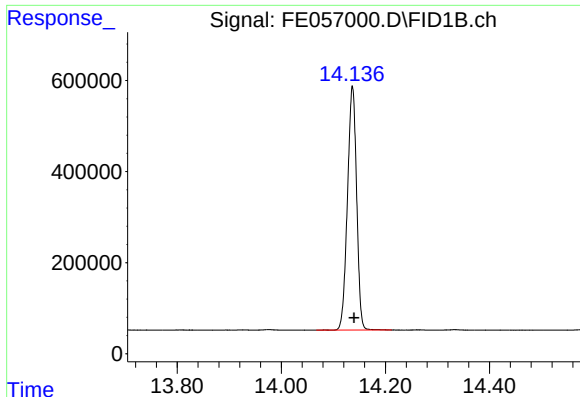
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.003 min
Response: 6632600
Conc: 36.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.004 min
Response: 4603411
Conc: 28.57 ug/ml



#13 n-Docosane (C22)

R.T.: 14.137 min
Delta R.T.: -0.003 min
Response: 6545635
Conc: 34.97 ug/ml

Instrument :

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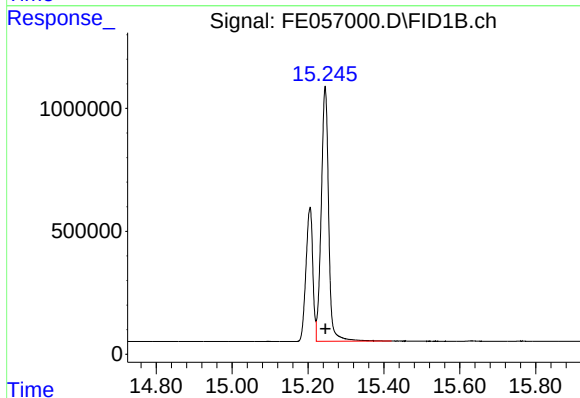
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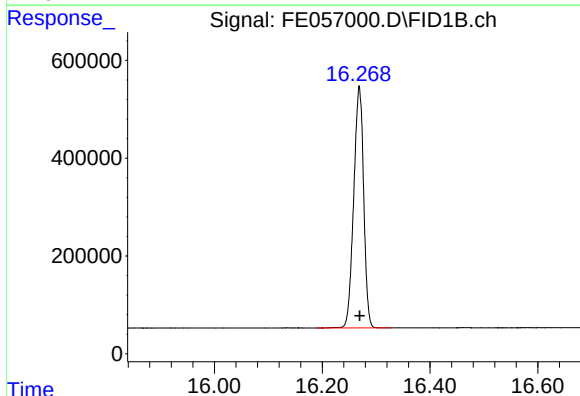
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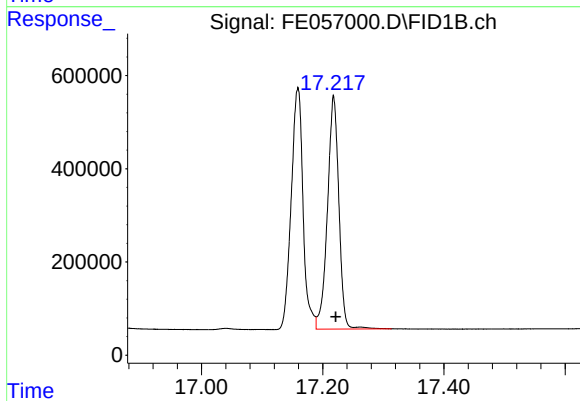
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.001 min
Response: 14052026
Conc: 71.74 ug/ml



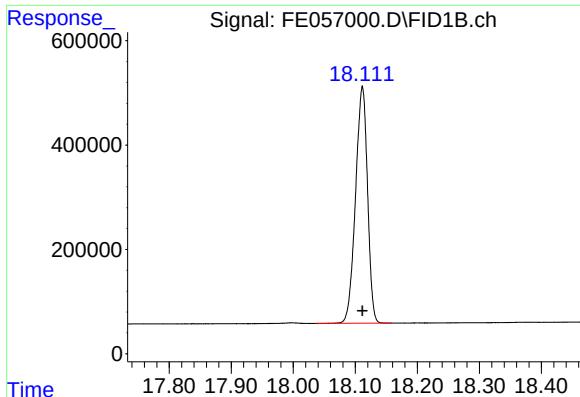
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.000 min
Response: 6312791
Conc: 32.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.003 min
Response: 6550629
Conc: 33.83 ug/ml



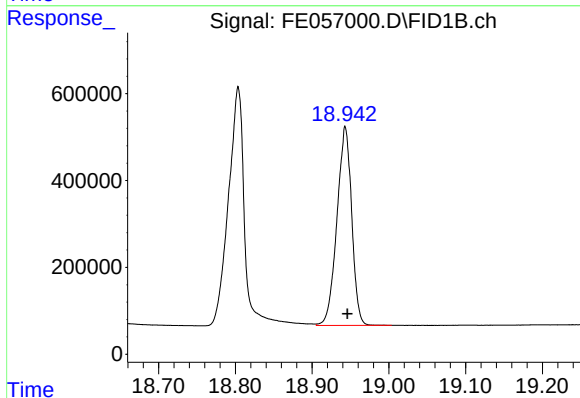
#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: 0.000 min
Response: 6082178
Conc: 30.34 ug/ml

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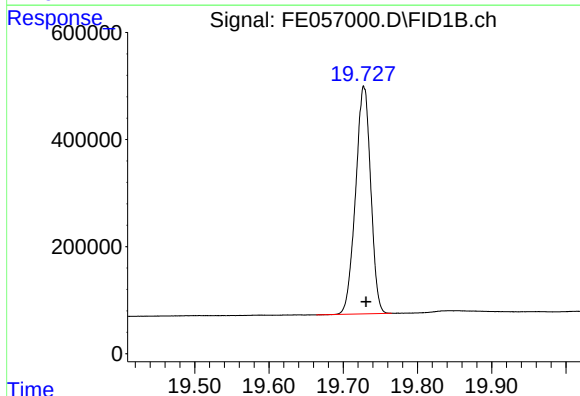
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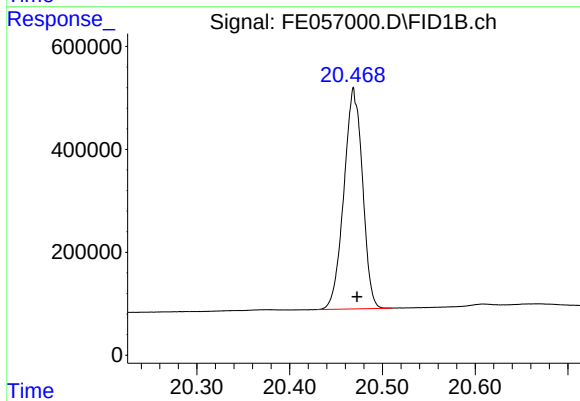
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.003 min
Response: 6108492
Conc: 31.06 ug/ml



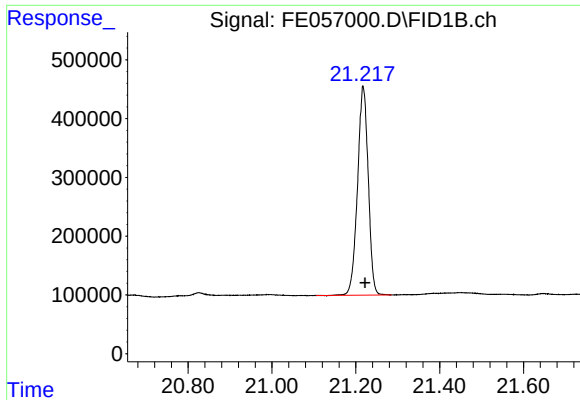
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.003 min
Response: 6018897
Conc: 34.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: -0.004 min
Response: 5978964
Conc: 41.33 ug/ml m



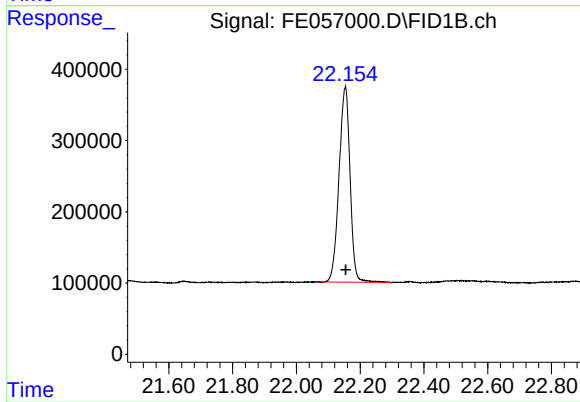
#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: -0.004 min
Response: 6301528
Conc: 50.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: -0.002 min
Response: 6599183
Conc: 57.08 ug/ml