

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112125AL\
 Data File : FE056988.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2025 18:34
 Operator : YP\AJ
 Sample : Q3699-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-112025MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File: autoint1.e
 Quant Time: Nov 21 22:16:38 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	6238214	29.860 ug/ml
Spiked Amount 50.000		Recovery =	59.72%
12) S 1-chlorooctadecane (S...	13.383	4258933	26.434 ug/ml
Spiked Amount 50.000		Recovery =	52.87%
Target Compounds			
1) T n-Nonane (C9)	3.304	3598993	21.427 ug/ml
2) T n-Decane (C10)	4.558	4188203	24.408 ug/ml
3) T A~Naphthalene (C11.7)	6.273	5679387	30.768 ug/ml
4) T n-Dodecane (C12)	6.730	5263776	30.264 ug/ml
5) T A~2-methylnaphthalene...	7.373	5514341	31.115 ug/ml
6) T n-Tetradecane (C14)	8.565	5809291	33.281 ug/ml
7) T n-Hexadecane (C16)	10.175	5925946	32.390 ug/ml
8) T n-Octadecane (C18)	11.623	5877679	31.054 ug/ml
10) T n-Eicosane (C20)	12.936	5839503	31.334 ug/ml
11) T n-Heneicosane (C21)	13.549	5714541	31.077 ug/ml
13) T n-Docosane (C22)	14.137	5693510	30.414 ug/ml
14) T n-Tetracosane (C24)	15.244	12007664	61.306 ug/ml
15) T n-Hexacosane (C26)	16.268	5487519	28.237 ug/ml
16) T n-Octacosane (C28)	17.219	5508020	28.441 ug/ml
17) T n-Tricontane (C30)	18.110	5379808	26.832 ug/ml
18) T n-Dotriacontane (C32)	18.943	5349608	27.204 ug/mlm
19) T n-Tetratriacontane (C34)	19.730	5206621	30.164 ug/mlm
20) T n-Hexatriacontane (C36)	20.470	5088620	35.177 ug/ml
21) T n-Octatriacontane (C38)	21.219	5346397	42.478 ug/ml
22) T n-Tetracontane (C40)	22.151	5204518	45.016 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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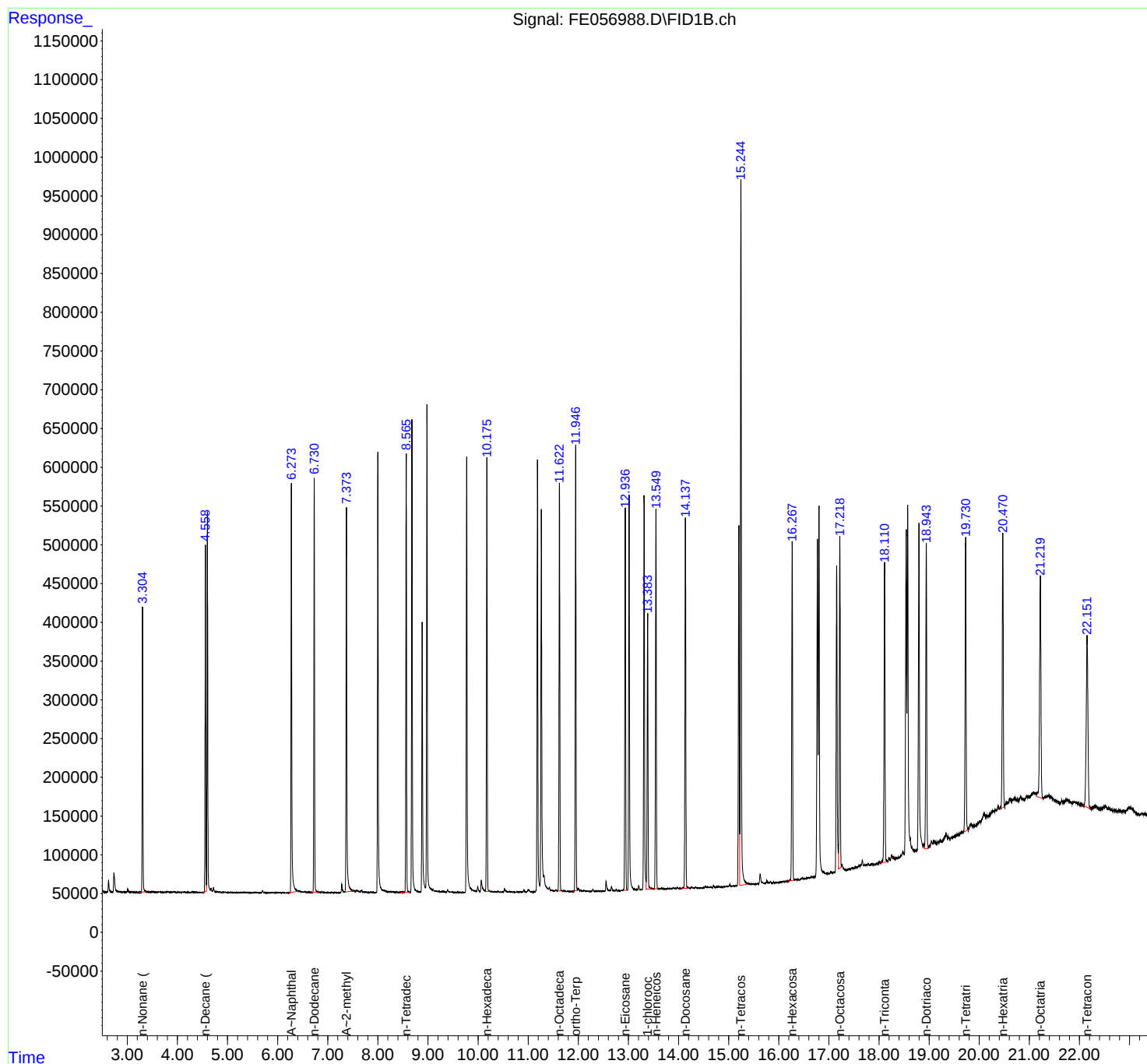
Instrument :
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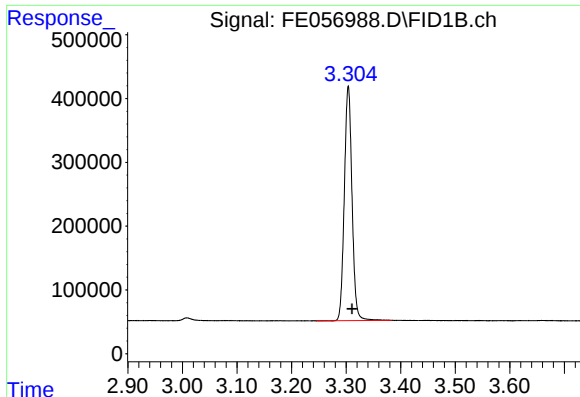
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#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.007 min
Response: 3598993
Conc: 21.43 ug/ml

Instrument :

FID_E

ClientSampleId :

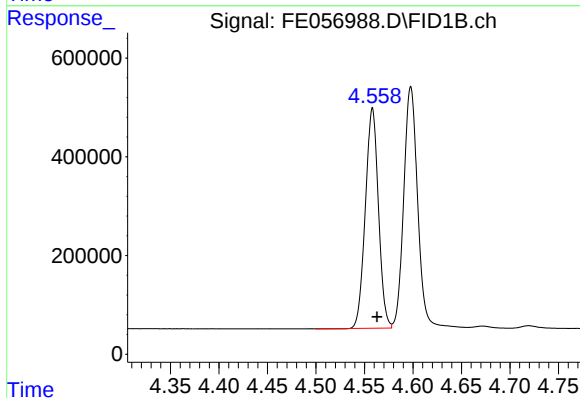
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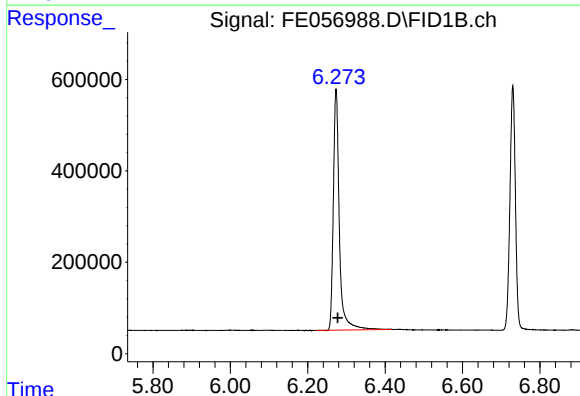
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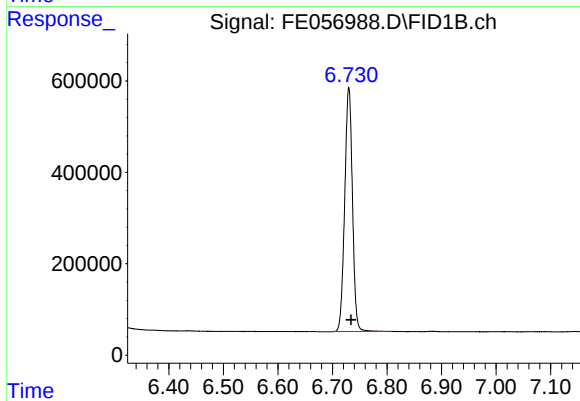
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 4188203
Conc: 24.41 ug/ml



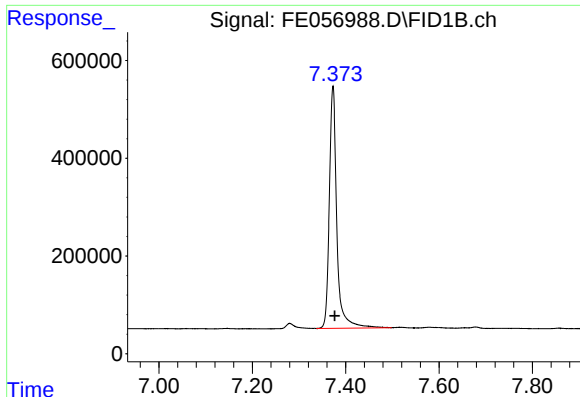
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 5679387
Conc: 30.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 5263776
Conc: 30.26 ug/ml



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

R.T.: 7.373 min
Delta R.T.: -0.004 min
Response: 5514341
Conc: 31.12 ug/ml

Instrument :

FID_E

ClientSampleId :

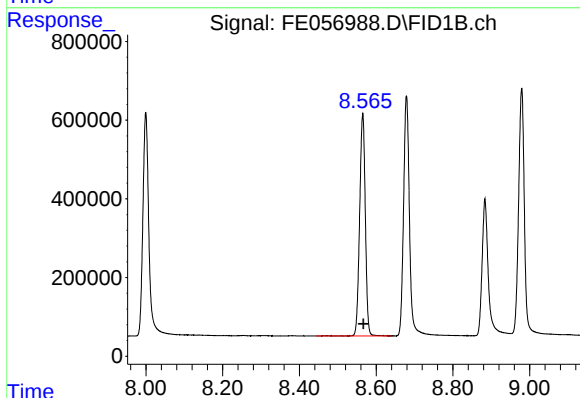
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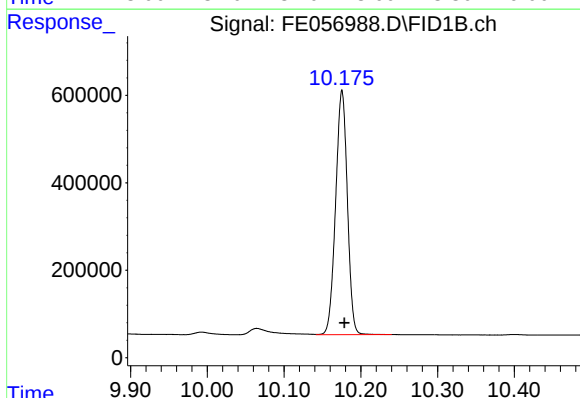
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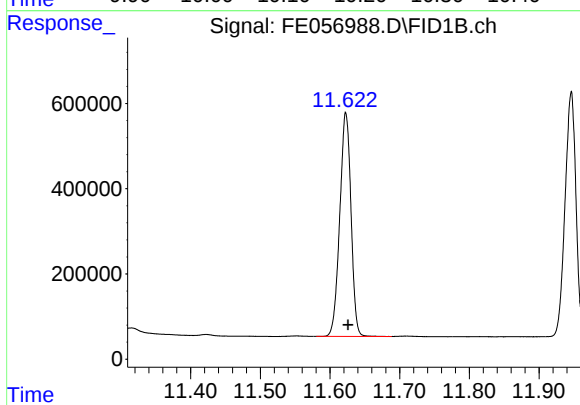
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 5809291
Conc: 33.28 ug/ml



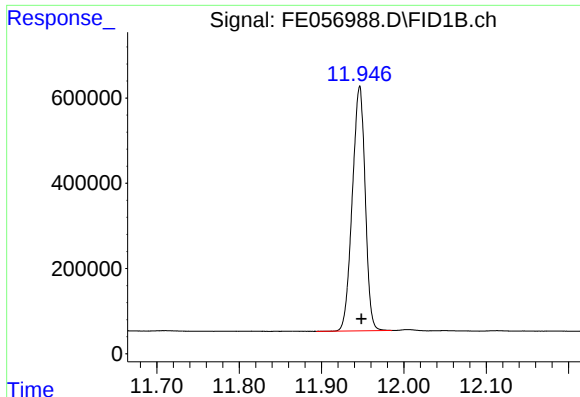
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.003 min
Response: 5925946
Conc: 32.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.003 min
Response: 5877679
Conc: 31.05 ug/ml



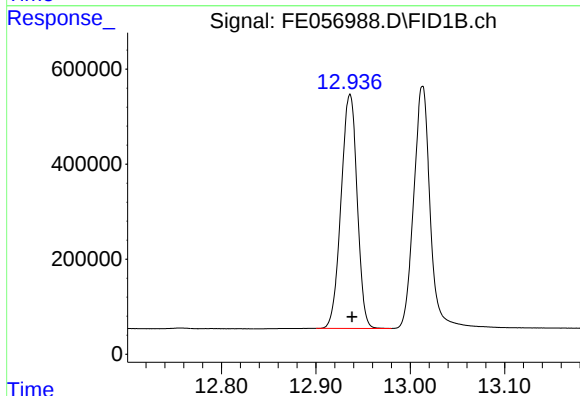
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.002 min
Response: 6238214
Conc: 29.86 ug/ml

Instrument :
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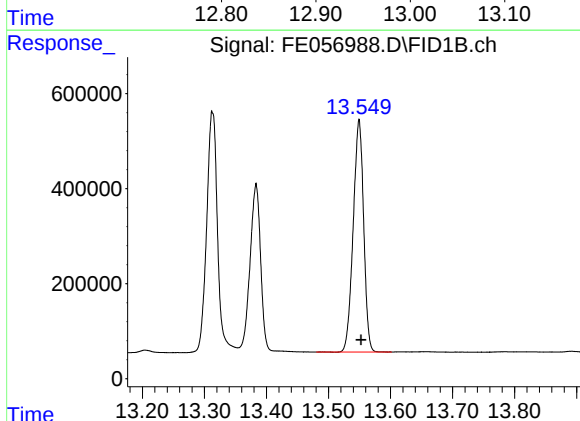
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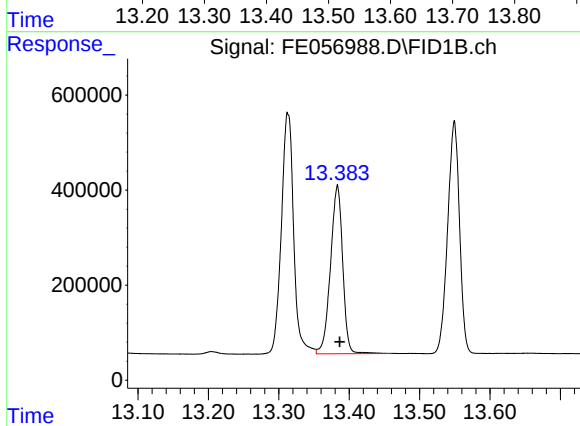
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.002 min
Response: 5839503
Conc: 31.33 ug/ml



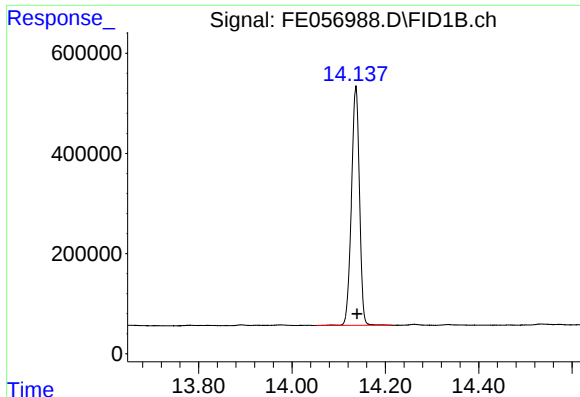
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.003 min
Response: 5714541
Conc: 31.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.003 min
Response: 4258933
Conc: 26.43 ug/ml



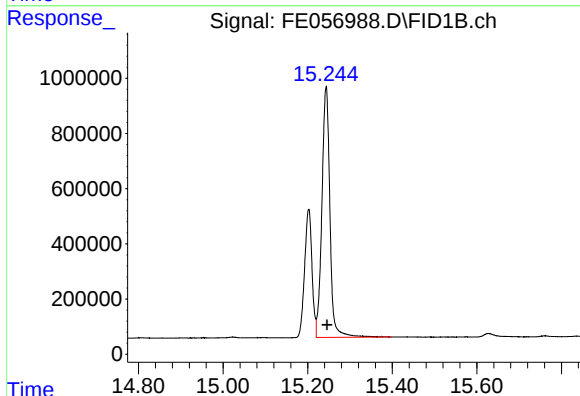
#13 n-Docosane (C22)

R.T.: 14.137 min
Delta R.T.: -0.003 min
Response: 5693510
Conc: 30.41 ug/ml

Instrument :
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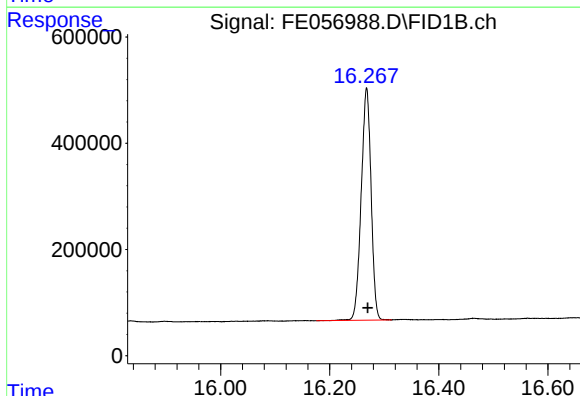
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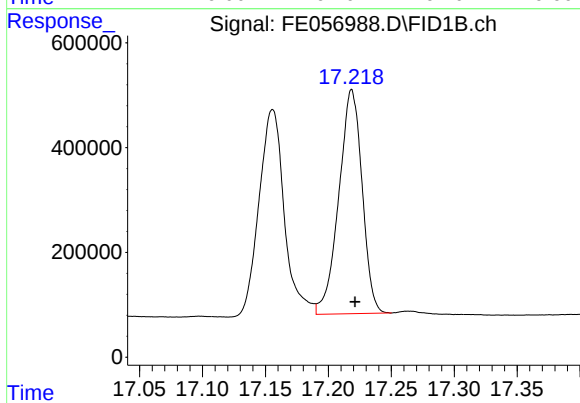
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.003 min
Response: 12007664
Conc: 61.31 ug/ml



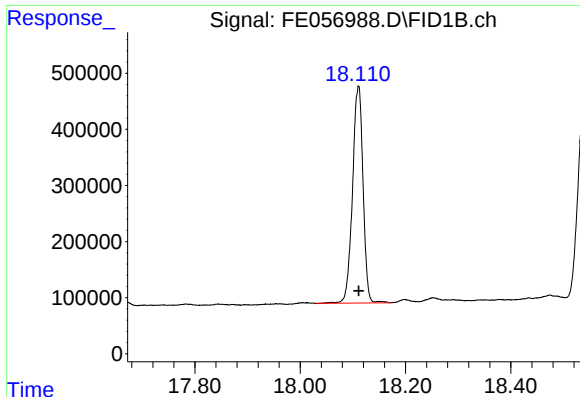
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.002 min
Response: 5487519
Conc: 28.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.003 min
Response: 5508020
Conc: 28.44 ug/ml



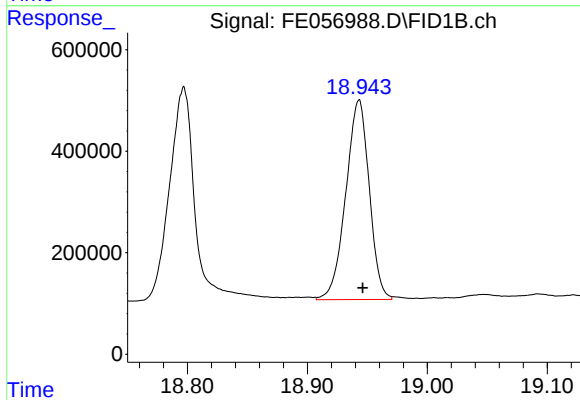
#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.001 min
Response: 5379808
Conc: 26.83 ug/ml

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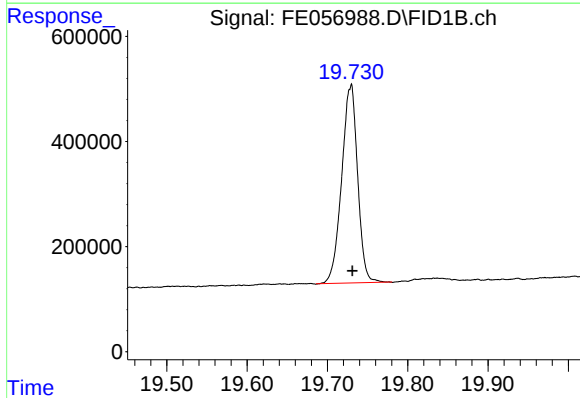
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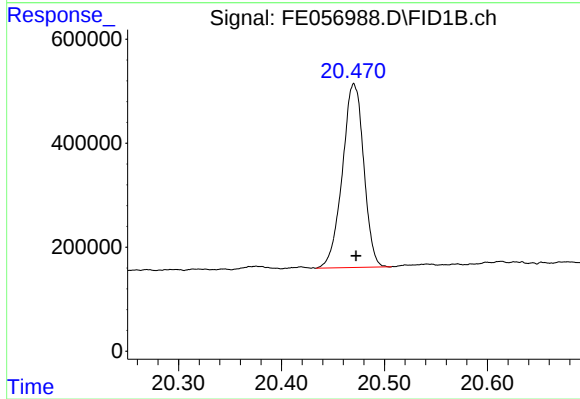
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.003 min
Response: 5349608
Conc: 27.20 ug/ml m



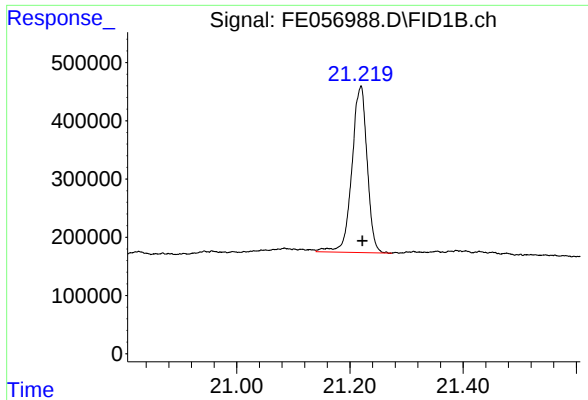
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.001 min
Response: 5206621
Conc: 30.16 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.002 min
Response: 5088620
Conc: 35.18 ug/ml



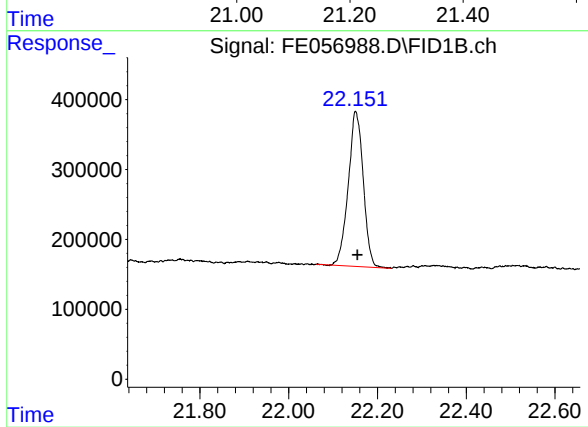
#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: -0.003 min
Response: 5346397
Conc: 42.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: -0.004 min
Response: 5204518
Conc: 45.02 ug/ml