

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102425AL\
 Data File : FC070037.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 20:10
 Operator : YP/AJ
 Sample : Q3410-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 27 07:41:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.645	3996382	22.758 ug/ml
Spiked Amount 50.000		Recovery =	45.52%
12) S 1-chlorooctadecane (S...	13.081	3489177	25.704 ug/ml
Spiked Amount 50.000		Recovery =	51.41%
Target Compounds			
1) T n-Nonane (C9)	3.395	4261935	31.037 ug/ml
2) T n-Decane (C10)	4.462	4556060	31.692 ug/ml
3) T A~Naphthalene (C11.7)	6.053	5676216	35.122 ug/ml
4) T n-Dodecane (C12)	6.479	4879889	31.837 ug/ml
5) T A~2-methylnaphthalene...	7.109	5098353	31.954 ug/ml
6) T n-Tetradecane (C14)	8.277	4989041	31.369 ug/ml
7) T n-Hexadecane (C16)	9.879	5001146	29.677 ug/ml
8) T n-Octadecane (C18)	11.324	4935289	29.009 ug/ml
10) T n-Eicosane (C20)	12.635	4774442	29.760 ug/ml
11) T n-Heneicosane (C21)	13.248	4950597	31.883 ug/ml
13) T n-Docosane (C22)	13.835	4727520	30.719 ug/ml
14) T n-Tetracosane (C24)	14.938	10704509	70.596 ug/ml
15) T n-Hexacosane (C26)	15.964	4547567	31.419 ug/ml
16) T n-Octacosane (C28)	16.915	4594684	33.222 ug/mlm
17) T n-Tricontane (C30)	17.806	4647808	34.041 ug/ml
18) T n-Dotriacontane (C32)	18.638	4566538	35.418 ug/mlm
19) T n-Tetratriacontane (C34)	19.424	4424667	38.779 ug/ml
20) T n-Hexatriacontane (C36)	20.165	3771446	38.997 ug/ml
21) T n-Octatriacontane (C38)	20.926	3678674	42.207 ug/ml
22) T n-Tetracontane (C40)	21.880	3806433	46.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q3410-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

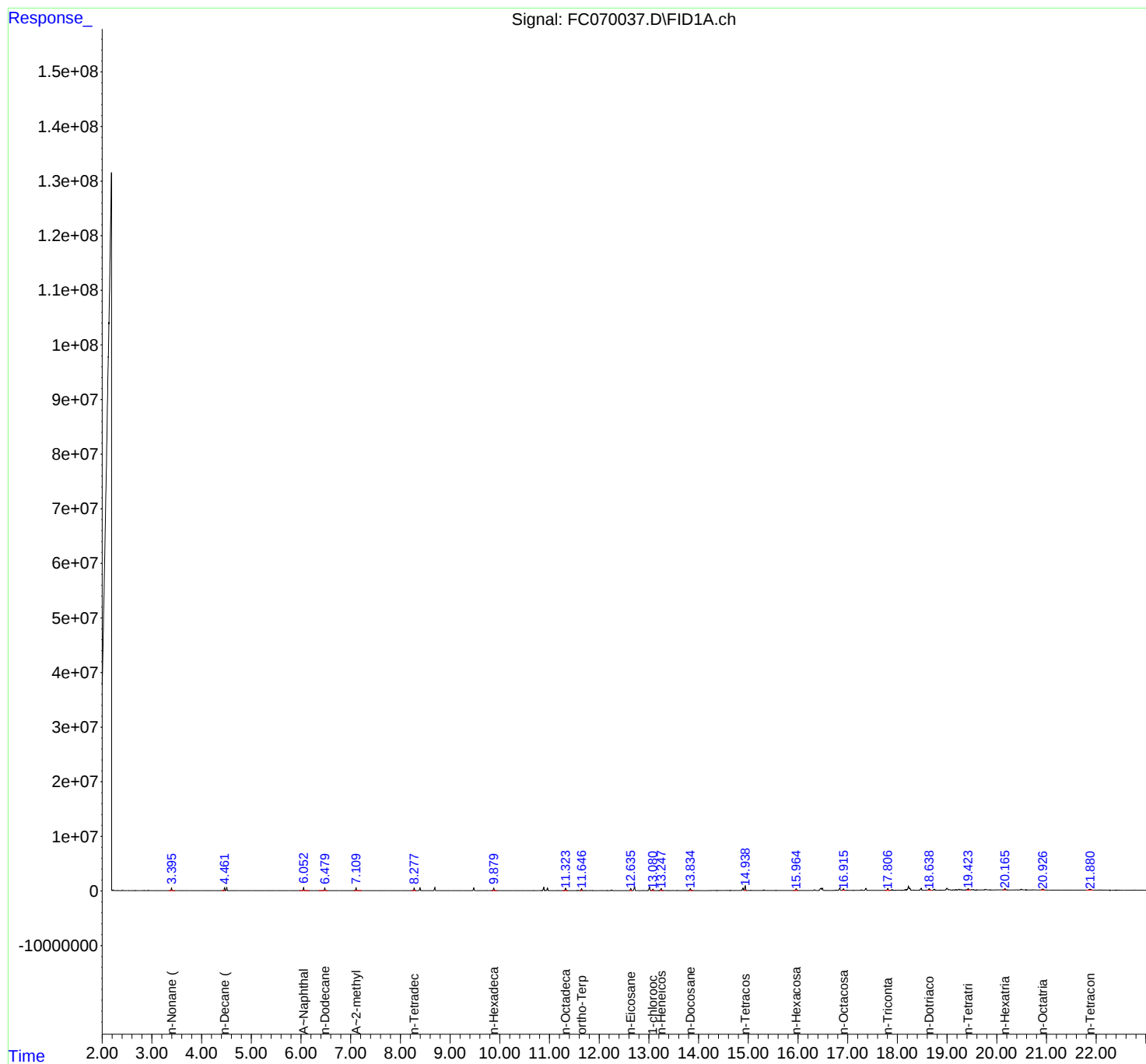
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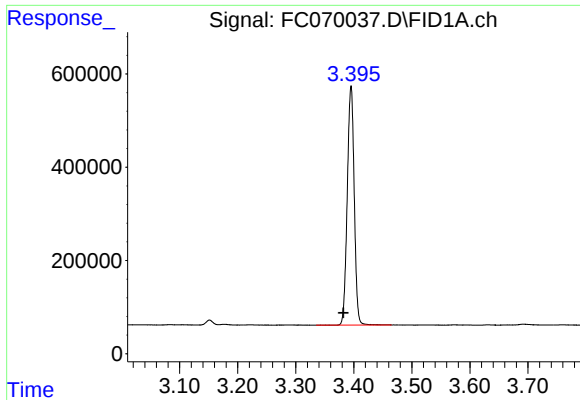
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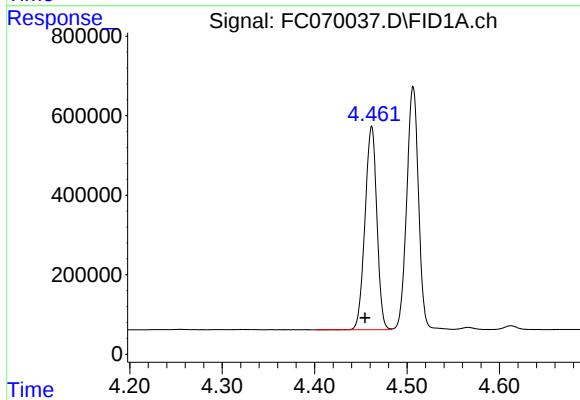
#1 n-Nonane (C9)

R.T.: 3.395 min
Delta R.T.: 0.013 min
Response: 4261935
Conc: 31.04 ug/ml

Instrument :
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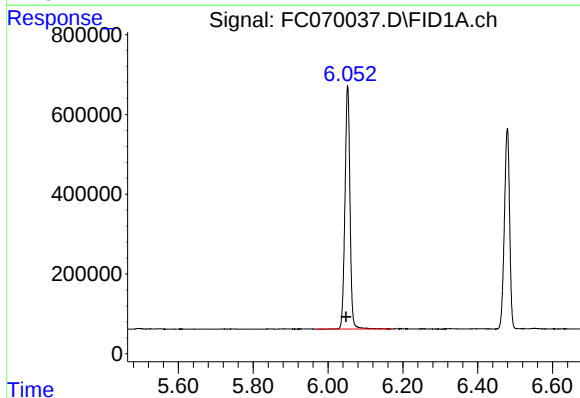
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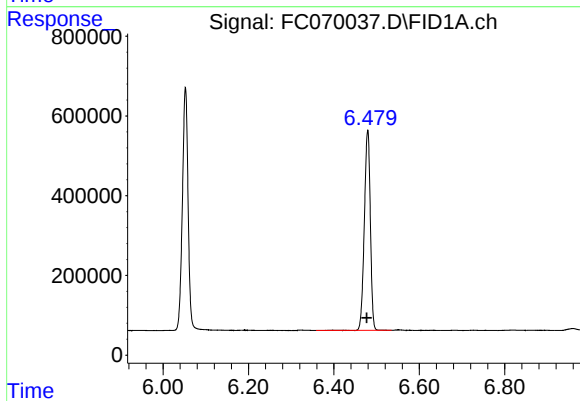
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.007 min
Response: 4556060
Conc: 31.69 ug/ml



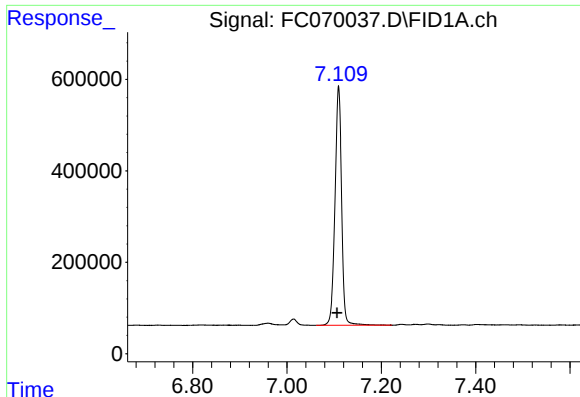
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: 0.004 min
Response: 5676216
Conc: 35.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: 0.002 min
Response: 4879889
Conc: 31.84 ug/ml



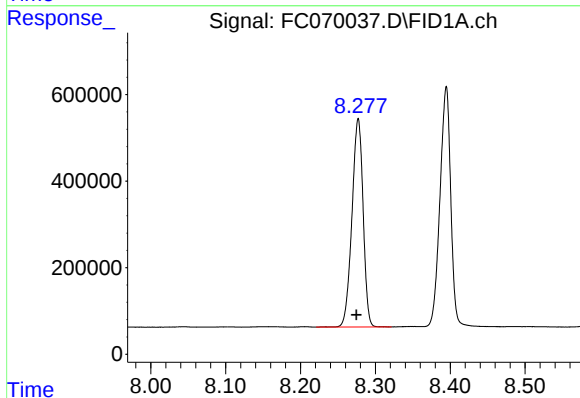
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: 0.003 min
Response: 5098353
Conc: 31.95 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

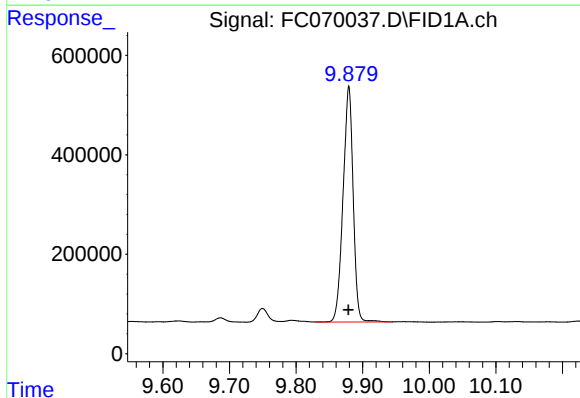
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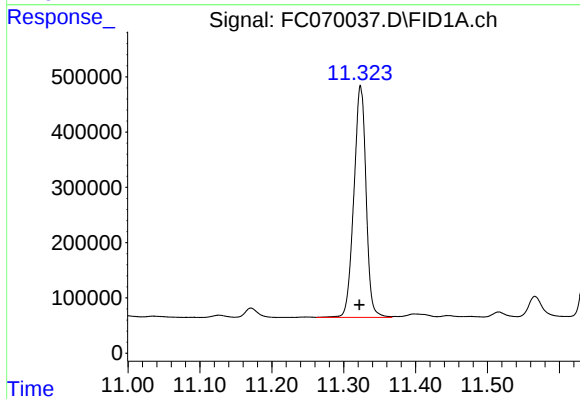
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: 0.002 min
Response: 4989041
Conc: 31.37 ug/ml



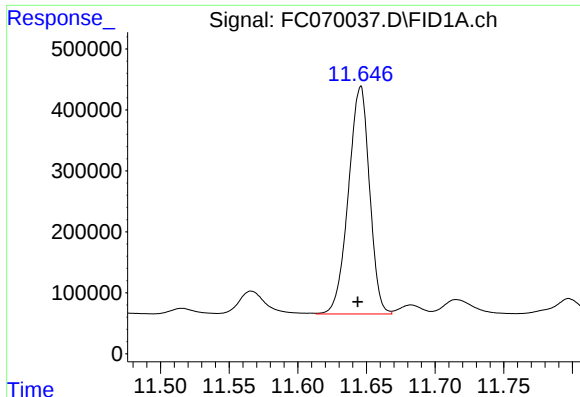
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: 0.000 min
Response: 5001146
Conc: 29.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: 0.002 min
Response: 4935289
Conc: 29.01 ug/ml



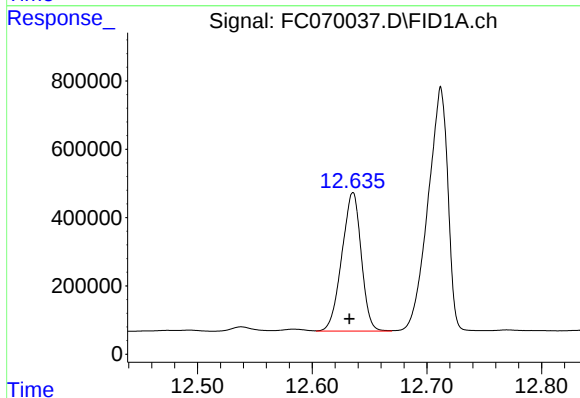
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.002 min
Response: 3996382
Conc: 22.76 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

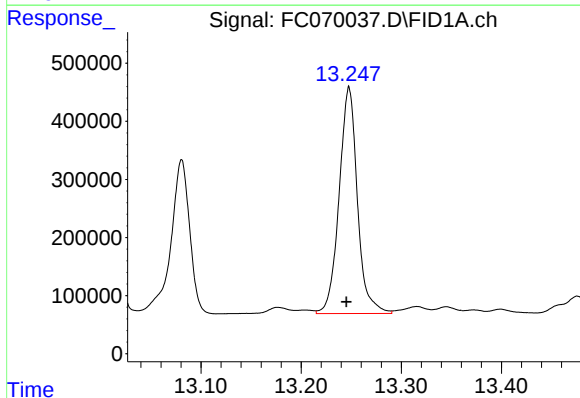
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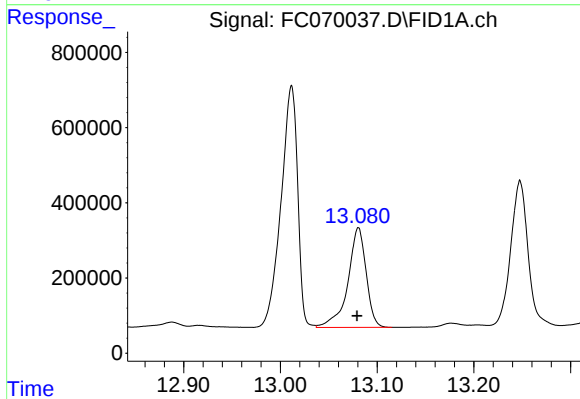
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: 0.003 min
Response: 4774442
Conc: 29.76 ug/ml



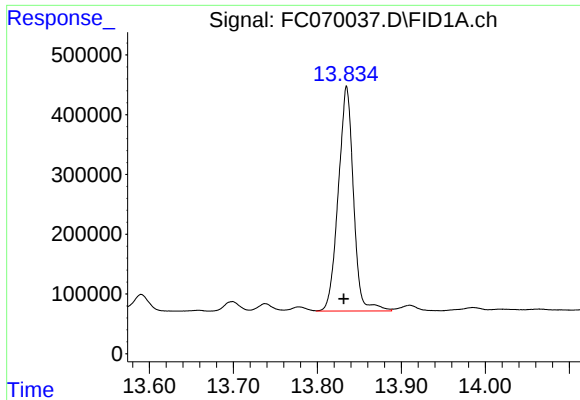
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.003 min
Response: 4950597
Conc: 31.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: 0.002 min
Response: 3489177
Conc: 25.70 ug/ml



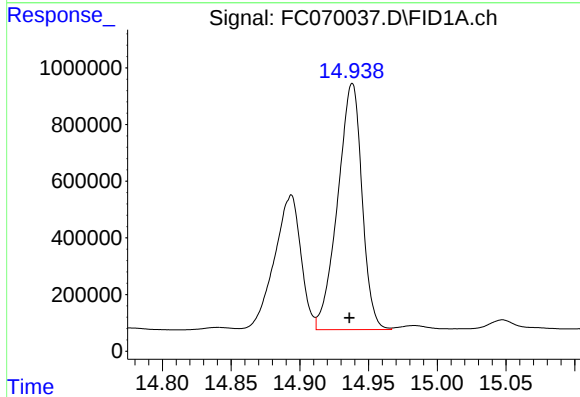
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: 0.004 min
Response: 4727520
Conc: 30.72 ug/ml

Instrument :
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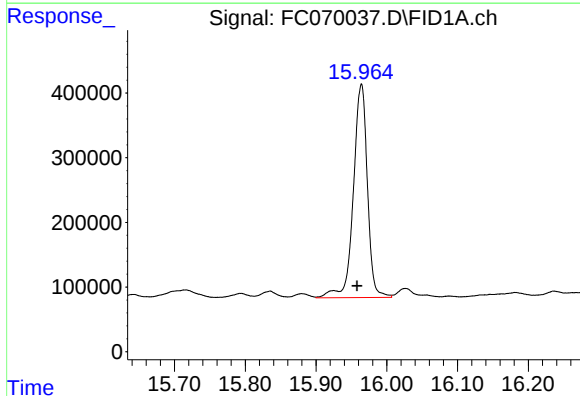
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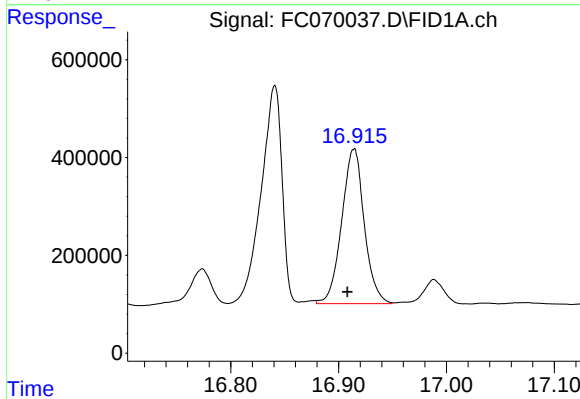
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: 0.002 min
Response: 10704509
Conc: 70.60 ug/ml



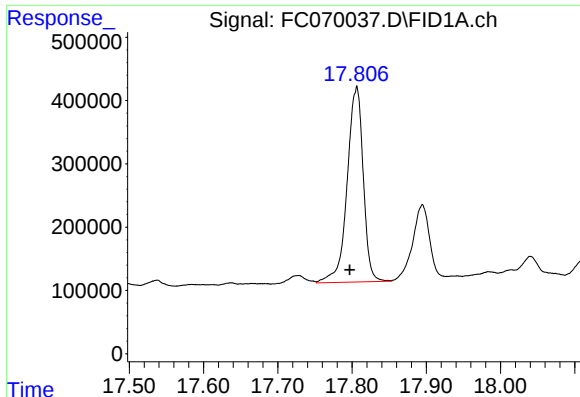
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: 0.006 min
Response: 4547567
Conc: 31.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.007 min
Response: 4594684
Conc: 33.22 ug/ml m



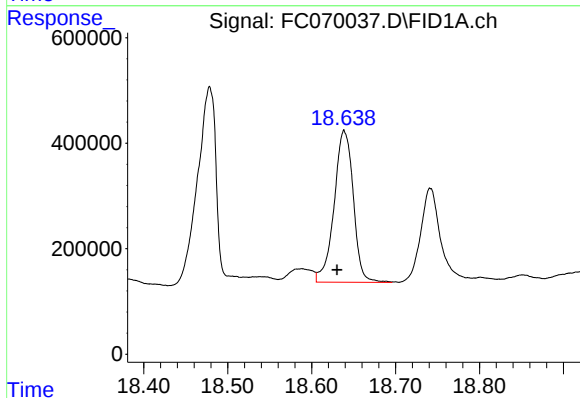
#17 n-Tricontane (C30)

R.T.: 17.806 min
Delta R.T.: 0.009 min
Response: 4647808
Conc: 34.04 ug/ml

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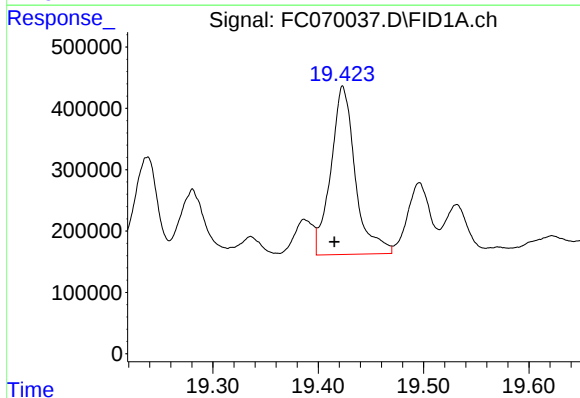
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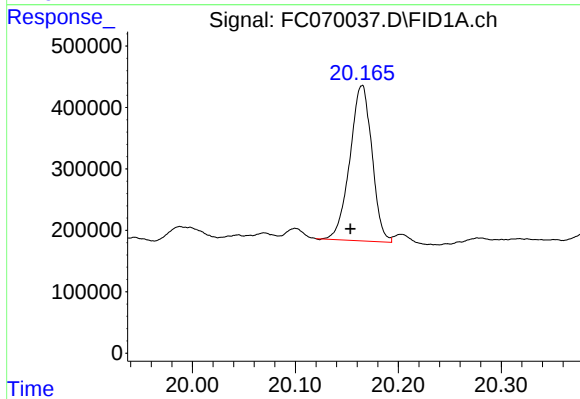
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: 0.008 min
Response: 4566538
Conc: 35.42 ug/ml m



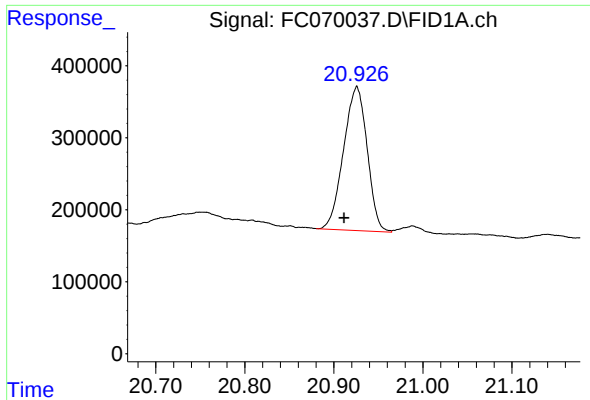
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: 0.008 min
Response: 4424667
Conc: 38.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.165 min
Delta R.T.: 0.011 min
Response: 3771446
Conc: 39.00 ug/ml



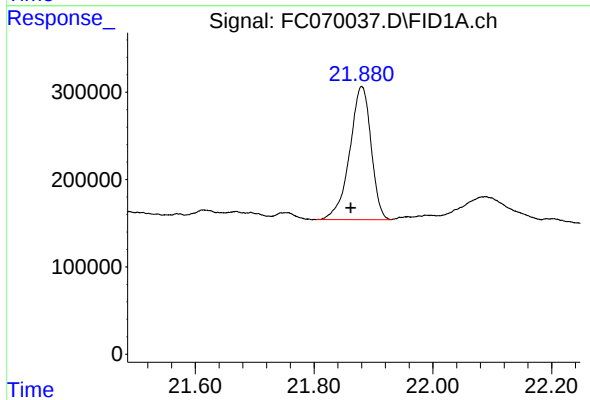
#21 n-Octatriacontane (C38)

R.T.: 20.926 min
Delta R.T.: 0.014 min
Response: 3678674
Conc: 42.21 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: 0.018 min
Response: 3806433
Conc: 46.33 ug/ml