

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111122AL\
 Data File : FC062168.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2022 11:53
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 07:37:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.595	2992062	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	13.029	2282731	19.594 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.353	3233231	22.986 ug/ml
2) T n-Decane (C10)	4.419	3222535	22.575 ug/ml
3) T A~Naphthalene (C11.7)	6.007	3307243	21.426 ug/ml
4) T n-Dodecane (C12)	6.440	3153146	21.720 ug/ml
5) T A~2-methylnaphthalene...	7.065	3168880	20.890 ug/ml
6) T n-Tetradecane (C14)	8.236	3015329	20.744 ug/ml
7) T n-Hexadecane (C16)	9.837	2924752	20.084 ug/ml
8) T n-Octadecane (C18)	11.279	2849816	19.716 ug/ml
10) T n-Eicosane (C20)	12.585	2761031	19.563 ug/ml
11) T n-Heneicosane (C21)	13.196	2720624	19.607 ug/ml
13) T n-Docosane (C22)	13.783	2664962	19.439 ug/ml
14) T n-Tetracosane (C24)	14.885	2561646	19.387 ug/ml
15) T n-Hexacosane (C26)	15.902	2481827	19.696 ug/ml
16) T n-Octacosane (C28)	16.850	2410999	19.991 ug/ml
17) T n-Tricontane (C30)	17.735	2422425	20.359 ug/ml
18) T n-Dotriacontane (C32)	18.566	2435436	20.670 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2384320	21.105 ug/ml
20) T n-Hexatriacontane (C36)	20.084	2432899	21.452 ug/ml
21) T n-Octatriacontane (C38)	20.822	2416031	21.472 ug/ml
22) T n-Tetracontane (C40)	21.737	2367798	21.090 ug/ml

(f)=RT Delta > 1/2 Window

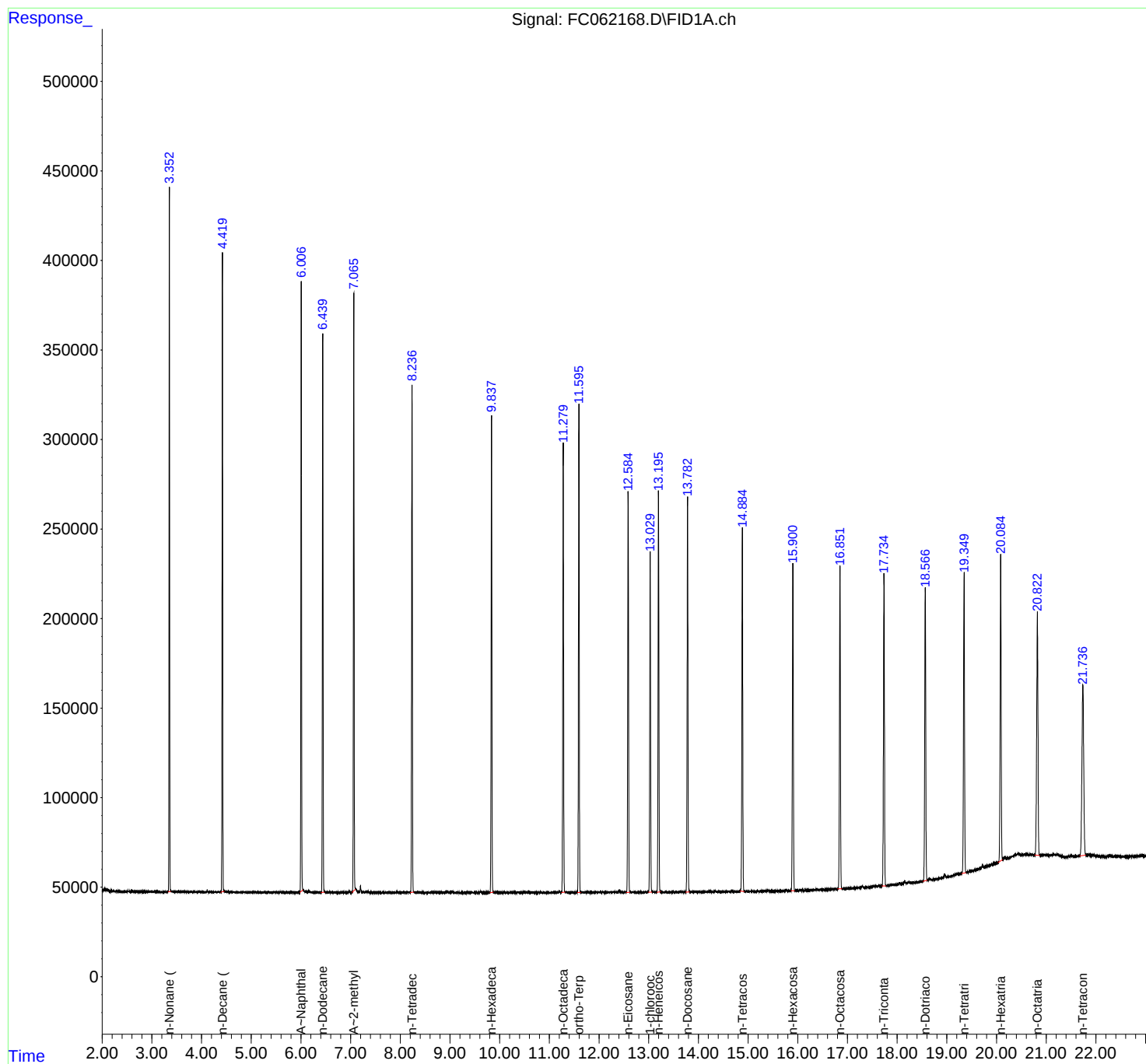
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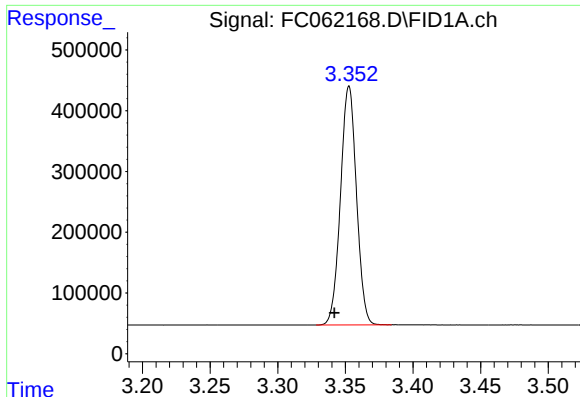
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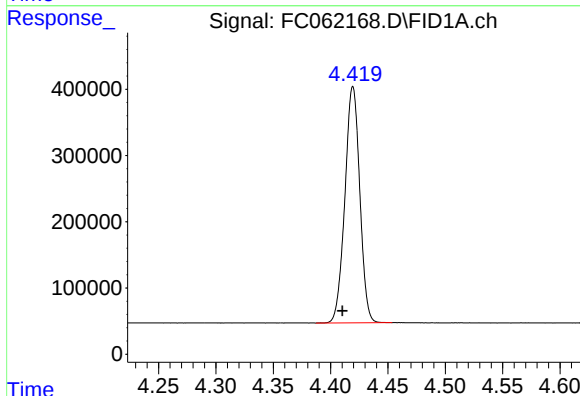




#1 n-Nonane (C9)

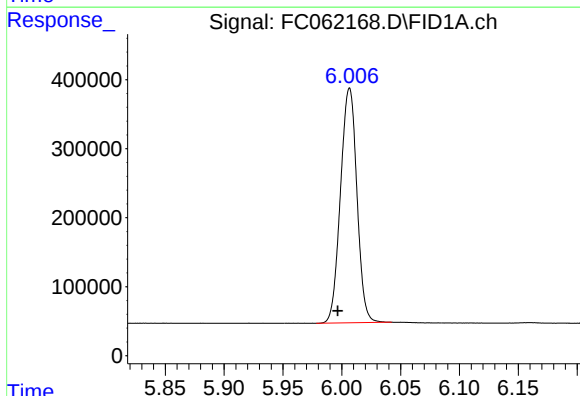
R.T.: 3.353 min
Delta R.T.: 0.011 min
Response: 3233231
Conc: 22.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



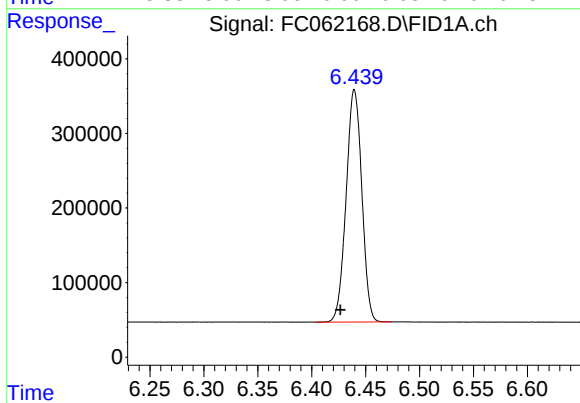
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: 0.009 min
Response: 3222535
Conc: 22.58 ug/ml



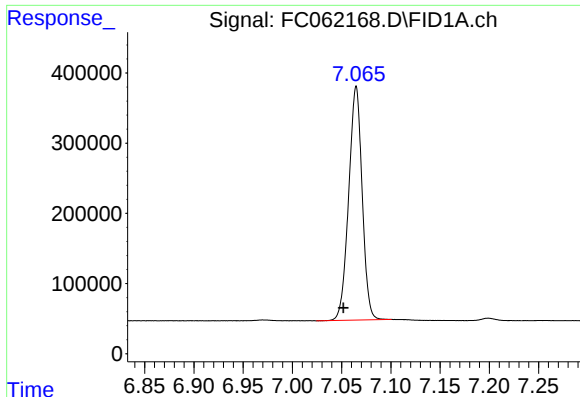
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.010 min
Response: 3307243
Conc: 21.43 ug/ml



#4 n-Dodecane (C12)

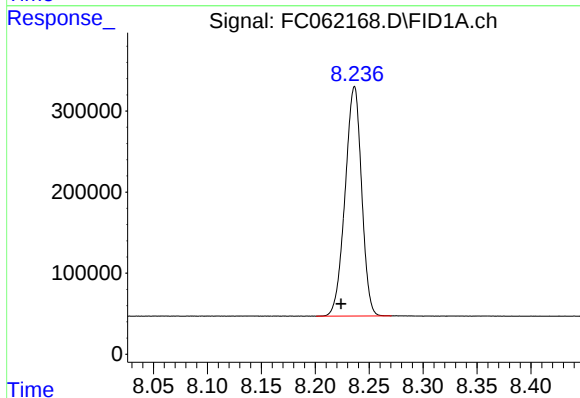
R.T.: 6.440 min
Delta R.T.: 0.013 min
Response: 3153146
Conc: 21.72 ug/ml



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

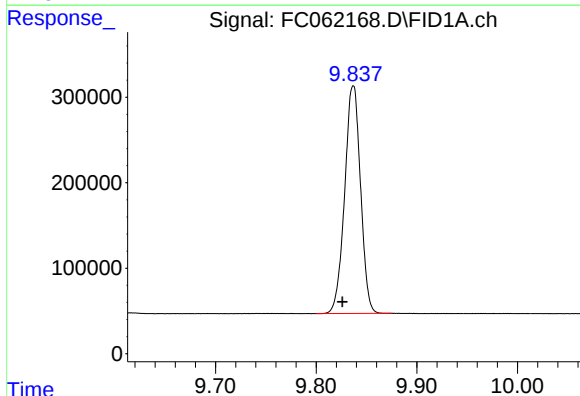
R.T.: 7.065 min
Delta R.T.: 0.013 min
Response: 3168880
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



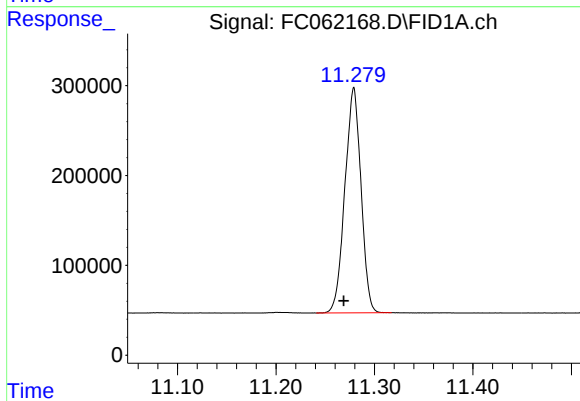
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: 0.012 min
Response: 3015329
Conc: 20.74 ug/ml



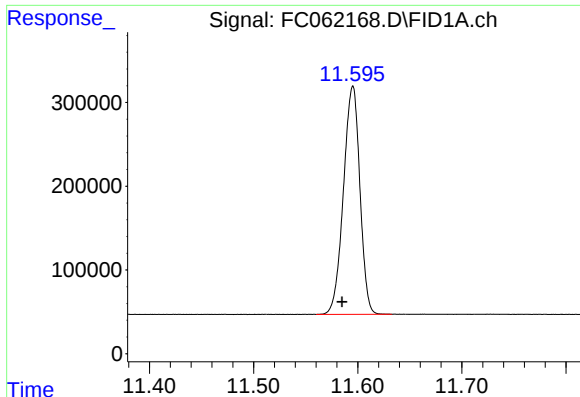
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.011 min
Response: 2924752
Conc: 20.08 ug/ml



#8 n-Octadecane (C18)

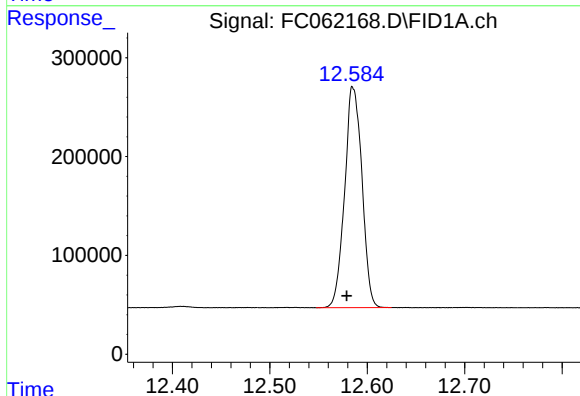
R.T.: 11.279 min
Delta R.T.: 0.010 min
Response: 2849816
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

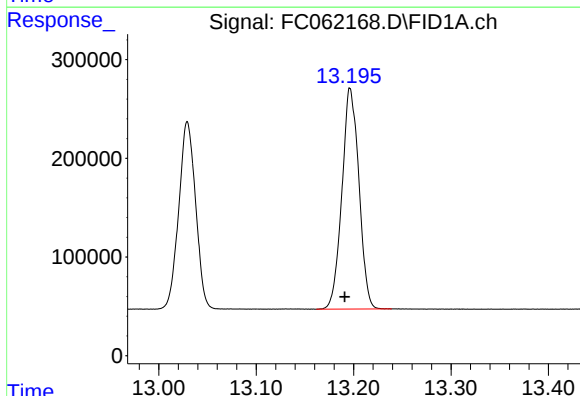
R.T.: 11.595 min
Delta R.T.: 0.010 min
Response: 2992062
Conc: 20.13 ug/ml

Instrument :
FID_C
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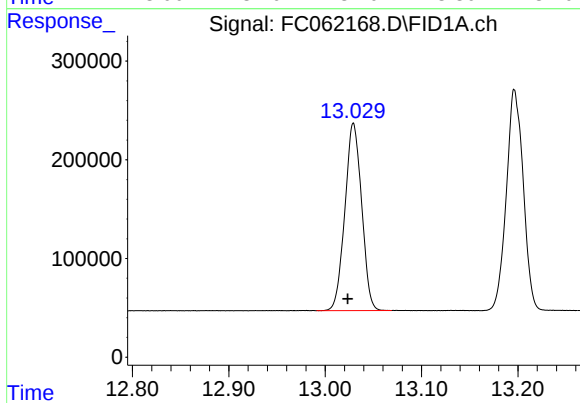
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: 0.006 min
Response: 2761031
Conc: 19.56 ug/ml



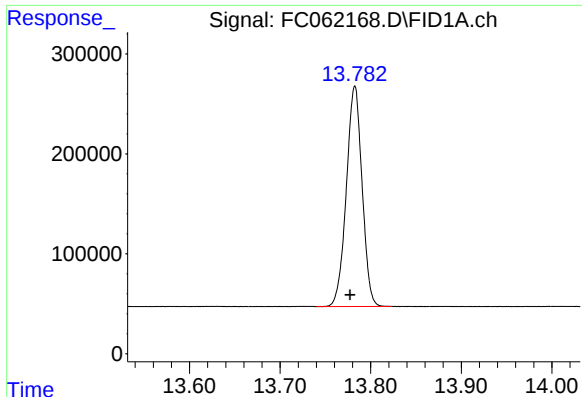
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.006 min
Response: 2720624
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

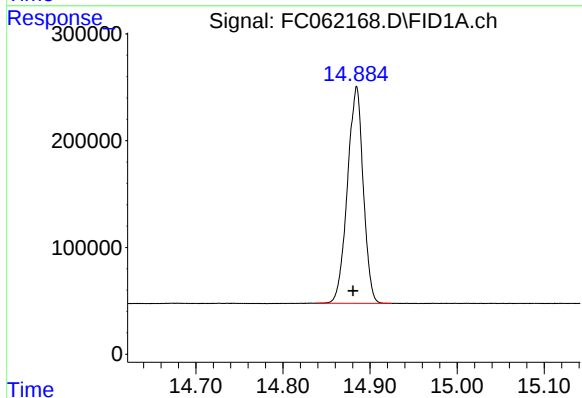
R.T.: 13.029 min
Delta R.T.: 0.006 min
Response: 2282731
Conc: 19.59 ug/ml



#13 n-Docosane (C22)

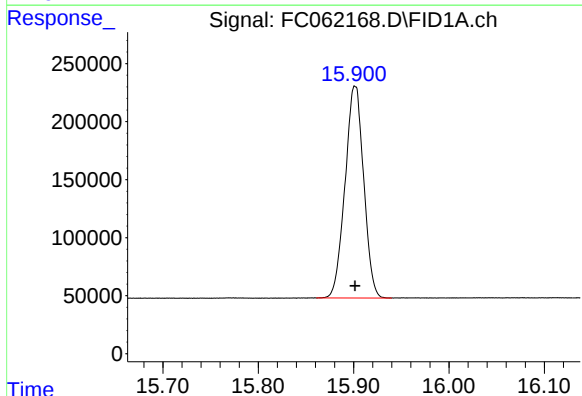
R.T.: 13.783 min
Delta R.T.: 0.005 min
Response: 2664962
Conc: 19.44 ug/ml

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20 PPM ALIPHATIC HC STD



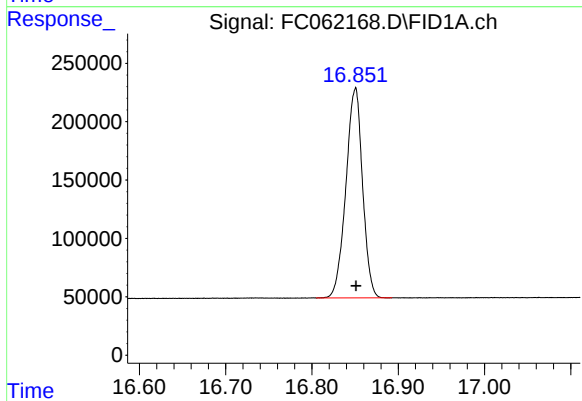
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.004 min
Response: 2561646
Conc: 19.39 ug/ml



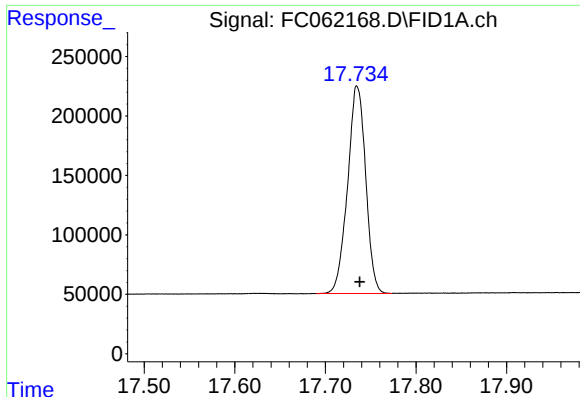
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: 0.000 min
Response: 2481827
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

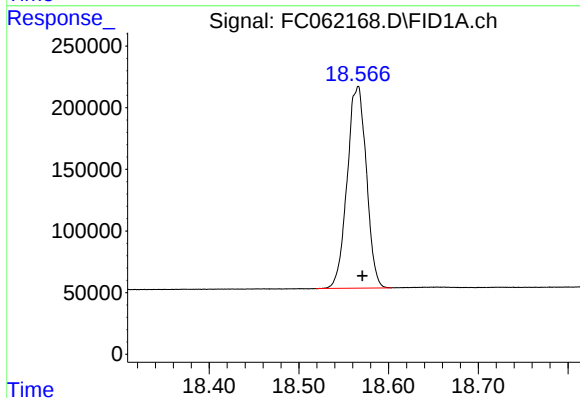
R.T.: 16.850 min
Delta R.T.: 0.000 min
Response: 2410999
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

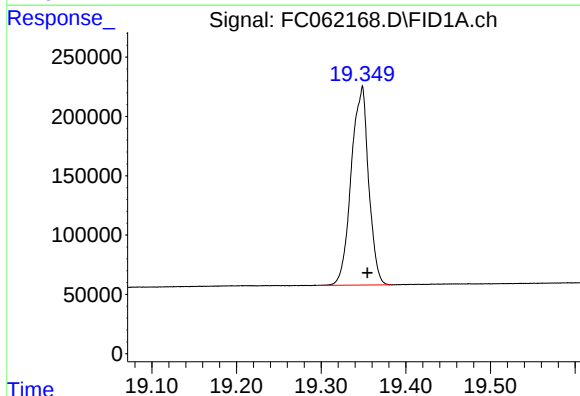
R.T.: 17.735 min
Delta R.T.: -0.003 min
Response: 2422425
Conc: 20.36 ug/ml

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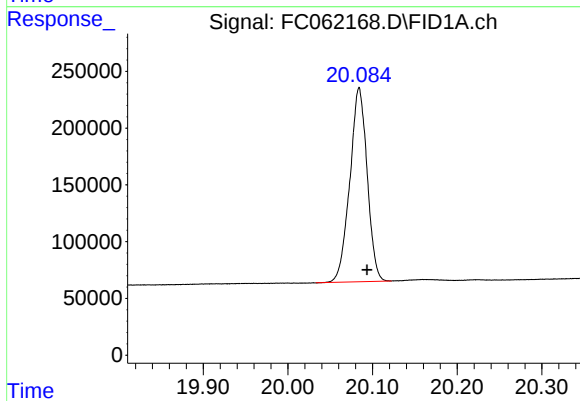
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.005 min
Response: 2435436
Conc: 20.67 ug/ml



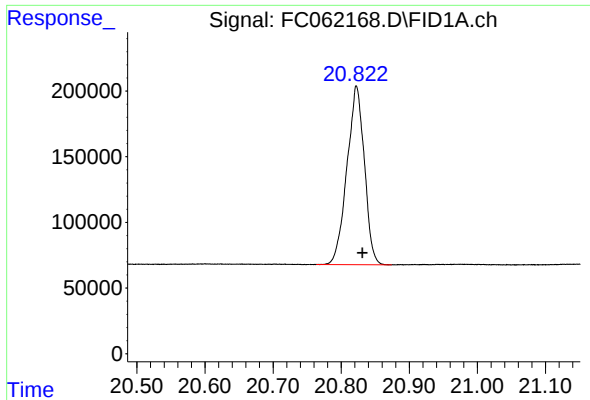
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.006 min
Response: 2384320
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

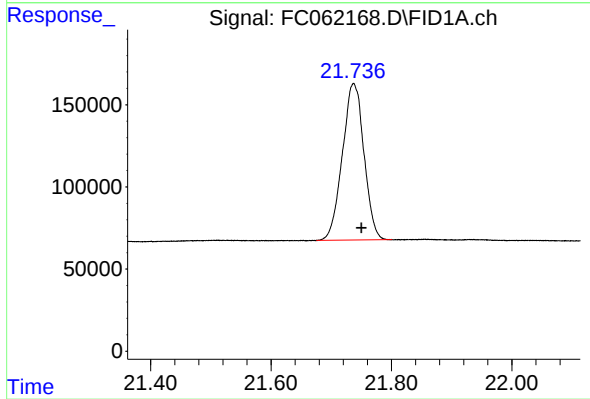
R.T.: 20.084 min
Delta R.T.: -0.010 min
Response: 2432899
Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.009 min
Response: 2416031
Conc: 21.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: -0.013 min
Response: 2367798
Conc: 21.09 ug/ml