

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012423AL\
 Data File : FC062750.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2023 12:54
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 02:02:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 2023
 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)	11.540	2605152	18.439 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
12) S 1-chlorooctadecane (S...	12.979	1894198	17.982 ug/ml
Spiked Amount 50.000		Recovery =	35.96%
Target Compounds			
1) T n-Nonane (C9)	3.301	2511235	18.779 ug/ml
2) T n-Decane (C10)	4.368	2457796	18.951 ug/ml
3) T A~Naphthalene (C11.7)	5.952	2705862	18.414 ug/ml
4) T n-Dodecane (C12)	6.388	2386172	18.566 ug/ml
5) T A~2-methylnaphthalene...	7.010	2495383	18.252 ug/ml
6) T n-Tetradecane (C14)	8.184	2424857	18.837 ug/ml
7) T n-Hexadecane (C16)	9.786	2429489	18.813 ug/ml
8) T n-Octadecane (C18)	11.227	2441225	18.851 ug/ml
10) T n-Eicosane (C20)	12.536	2335157	18.922 ug/ml
11) T n-Heneicosane (C21)	13.147	2300835	18.772 ug/ml
13) T n-Docosane (C22)	13.734	2308515	19.310 ug/ml
14) T n-Tetracosane (C24)	14.835	2365470	20.311 ug/ml
15) T n-Hexacosane (C26)	15.856	2376378	21.153 ug/ml
16) T n-Octacosane (C28)	16.804	2435563	22.182 ug/ml
17) T n-Tricontane (C30)	17.691	2494912	23.038 ug/ml
18) T n-Dotriacontane (C32)	18.522	2520975	23.092 ug/ml
19) T n-Tetratriacontane (C34)	19.303	2292702	21.088 ug/ml
20) T n-Hexatriacontane (C36)	20.039	2070628	18.615 ug/ml
21) T n-Octatriacontane (C38)	20.769	1908253	18.019 ug/ml
22) T n-Tetracontane (C40)	21.670	1791563	16.823 ug/ml

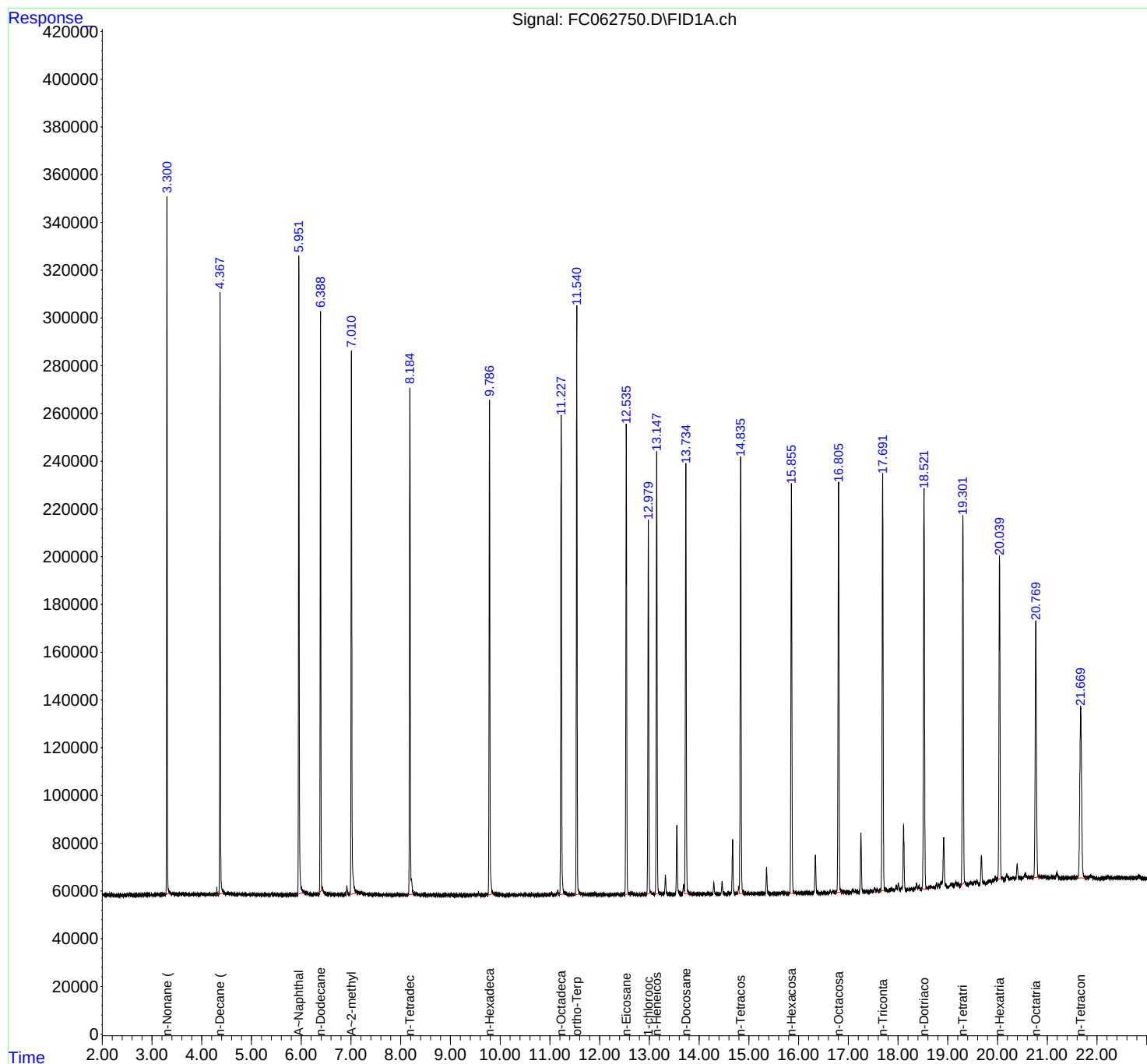
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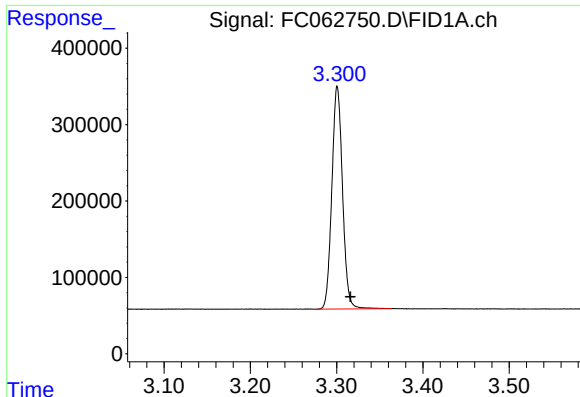
(m)=manual int.

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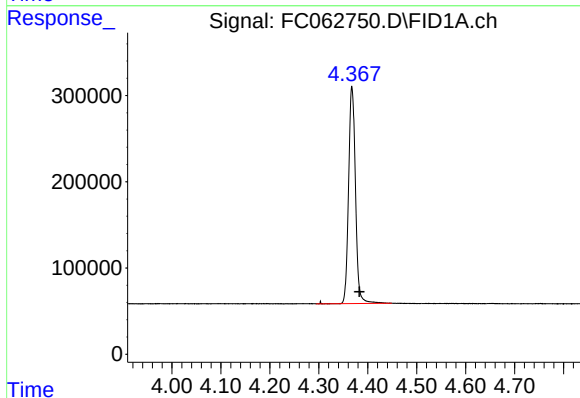
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





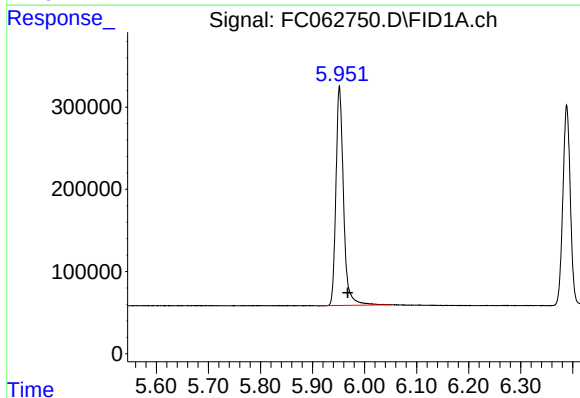
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.015 min
Response: 2511235
Conc: 18.78 ug/ml



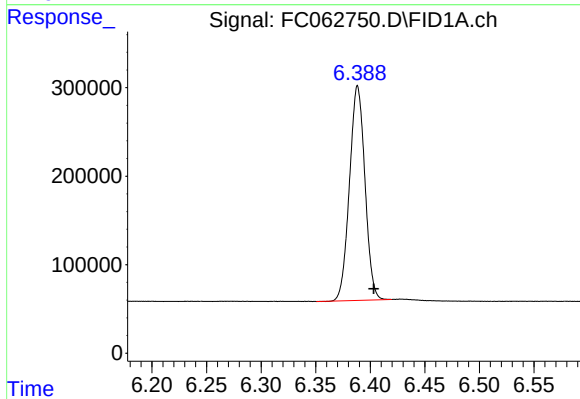
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 2457796
Conc: 18.95 ug/ml



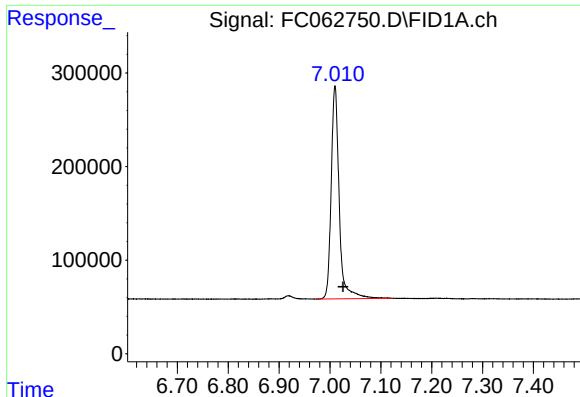
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.016 min
Response: 2705862
Conc: 18.41 ug/ml



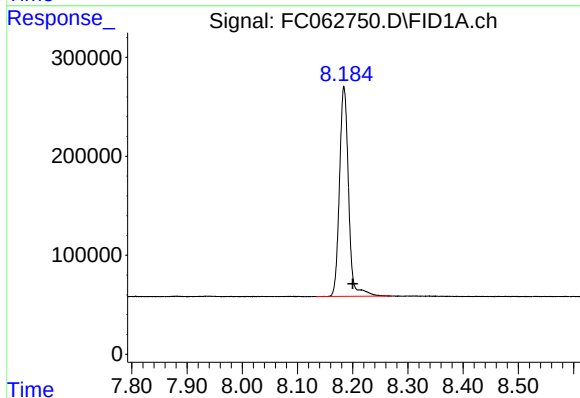
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.015 min
Response: 2386172
Conc: 18.57 ug/ml



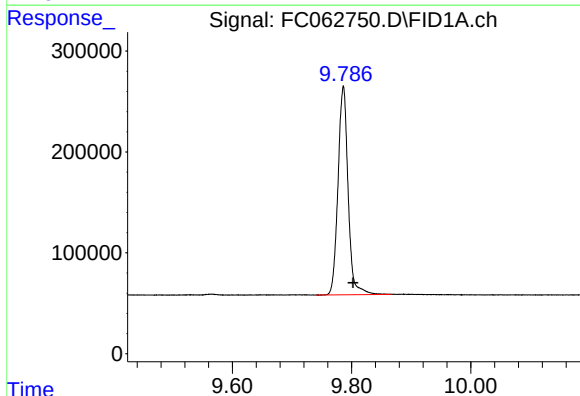
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.016 min
Response: 2495383
Conc: 18.25 ug/ml



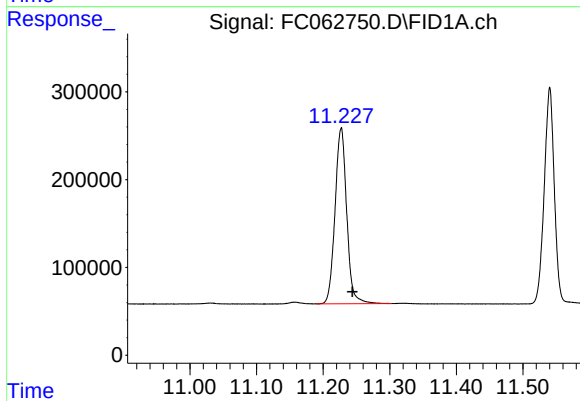
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.016 min
Response: 2424857
Conc: 18.84 ug/ml



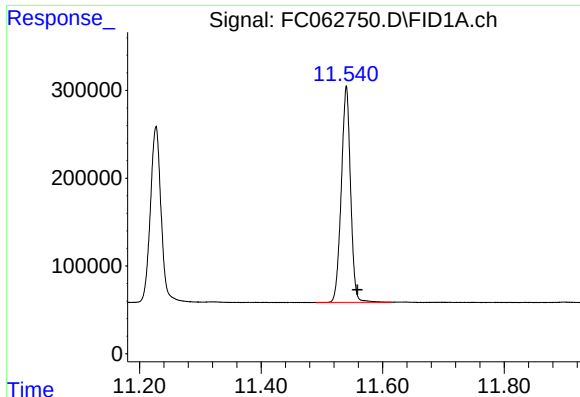
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.016 min
Response: 2429489
Conc: 18.81 ug/ml



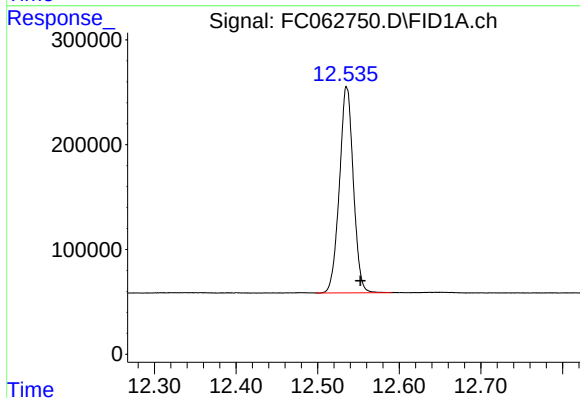
#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.017 min
Response: 2441225
Conc: 18.85 ug/ml



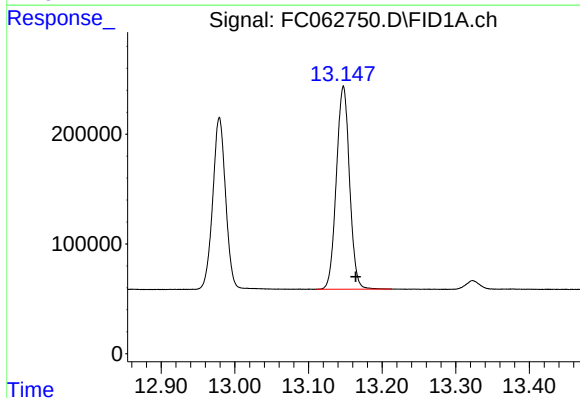
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.018 min
Response: 2605152
Conc: 18.44 ug/ml



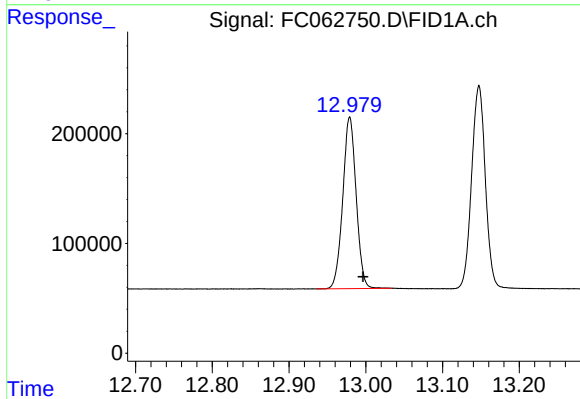
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.017 min
Response: 2335157
Conc: 18.92 ug/ml



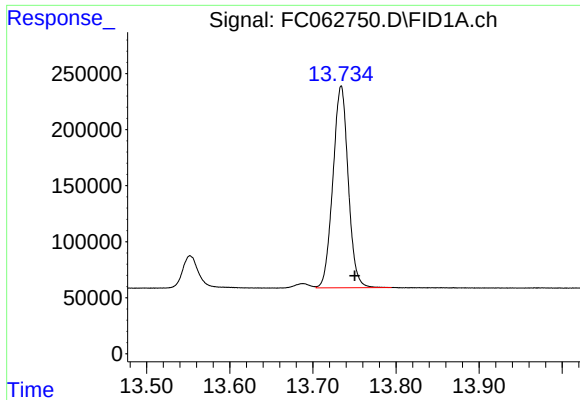
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.017 min
Response: 2300835
Conc: 18.77 ug/ml



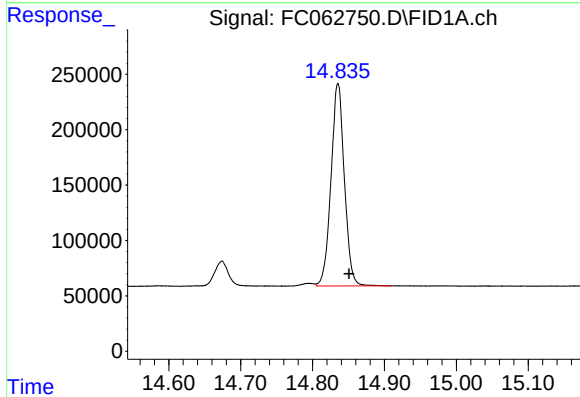
#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: -0.017 min
Response: 1894198
Conc: 17.98 ug/ml



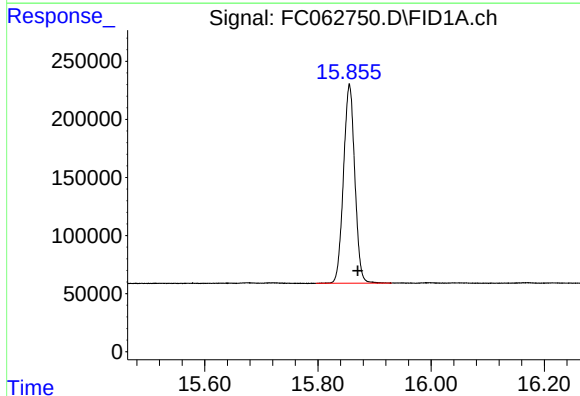
#13 n-Docosane (C22)

R.T.: 13.734 min
Delta R.T.: -0.016 min
Response: 2308515
Conc: 19.31 ug/ml



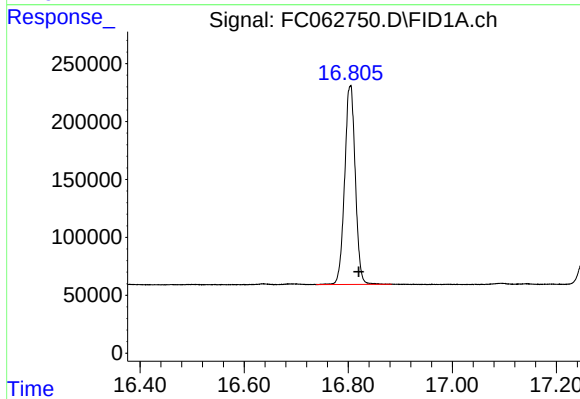
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.015 min
Response: 2365470
Conc: 20.31 ug/ml



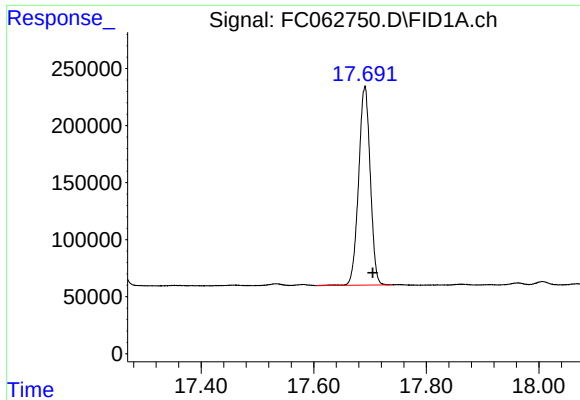
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.014 min
Response: 2376378
Conc: 21.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.016 min
Response: 2435563
Conc: 22.18 ug/ml



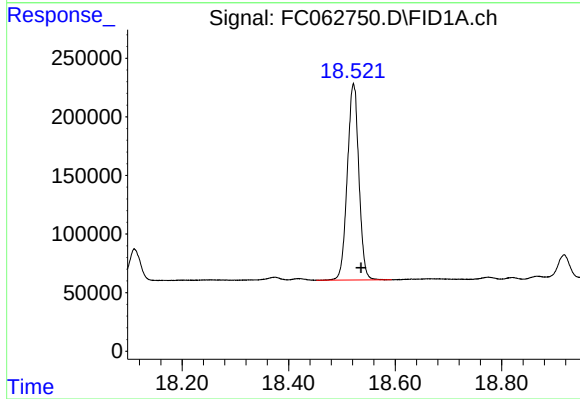
#17 n-Tricontane (C30)

R.T.: 17.691 min

Delta R.T.: -0.014 min

Response: 2494912

Conc: 23.04 ug/ml



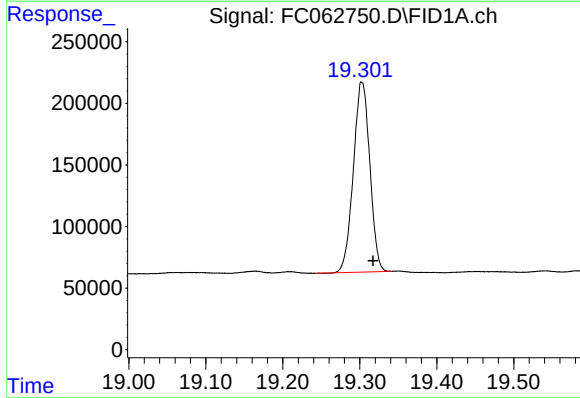
#18 n-Dotriacontane (C32)

R.T.: 18.522 min

Delta R.T.: -0.014 min

Response: 2520975

Conc: 23.09 ug/ml



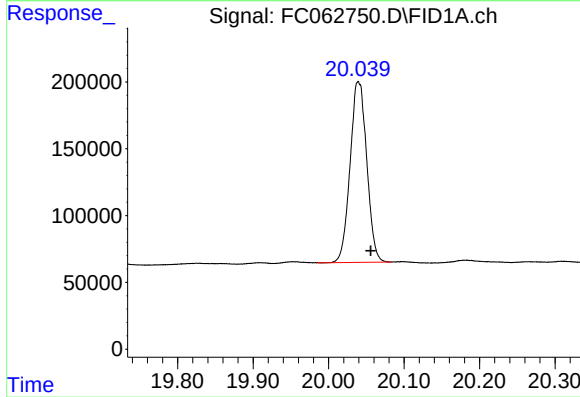
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min

Delta R.T.: -0.015 min

Response: 2292702

Conc: 21.09 ug/ml



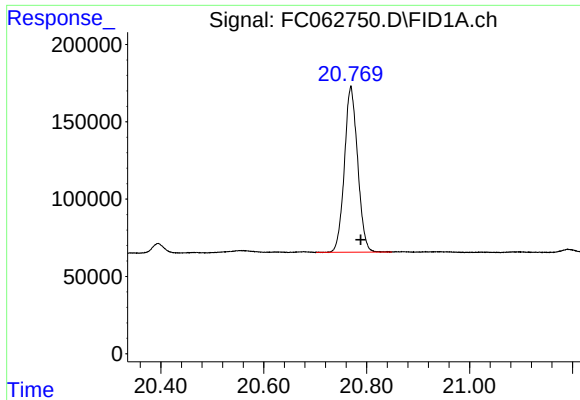
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min

Delta R.T.: -0.016 min

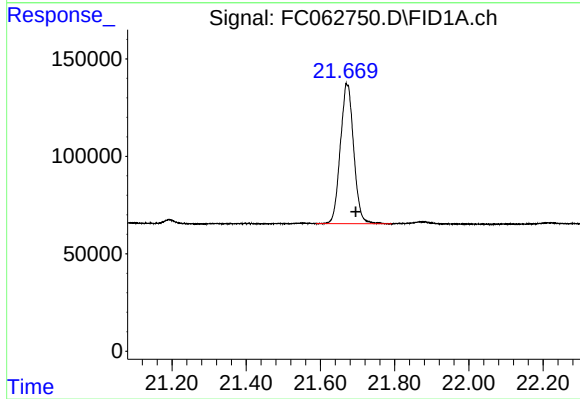
Response: 2070628

Conc: 18.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.769 min
Delta R.T.: -0.019 min
Response: 1908253
Conc: 18.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.670 min
Delta R.T.: -0.025 min
Response: 1791563
Conc: 16.82 ug/ml