

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012023AL\
 Data File : FC062739.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jan 2023 03:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 04:16:44 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)	11.551	2757367	19.516 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
12) S 1-chlorooctadecane (S...	12.990	2059937	19.555 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T n-Nonane (C9)	3.315	2482892	18.568 ug/ml
2) T n-Decane (C10)	4.380	2532176	19.524 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2835963	19.299 ug/ml
4) T n-Dodecane (C12)	6.399	2554817	19.878 ug/ml
5) T A~2-methylnaphthalene...	7.022	2653685	19.410 ug/ml
6) T n-Tetradecane (C14)	8.195	2536109	19.701 ug/ml
7) T n-Hexadecane (C16)	9.795	2551421	19.757 ug/ml
8) T n-Octadecane (C18)	11.237	2557523	19.749 ug/ml
10) T n-Eicosane (C20)	12.546	2433201	19.716 ug/ml
11) T n-Heneicosane (C21)	13.158	2416456	19.716 ug/ml
13) T n-Docosane (C22)	13.744	2378981	19.899 ug/ml
14) T n-Tetracosane (C24)	14.844	2343048	20.119 ug/ml
15) T n-Hexacosane (C26)	15.864	2269227	20.199 ug/ml
16) T n-Octacosane (C28)	16.812	2241697	20.416 ug/ml
17) T n-Tricontane (C30)	17.699	2285615	21.105 ug/ml
18) T n-Dotriacontane (C32)	18.529	2311720	21.175 ug/ml
19) T n-Tetratriacontane (C34)	19.310	2352072	21.634 ug/ml
20) T n-Hexatriacontane (C36)	20.048	2551099	22.935 ug/ml
21) T n-Octatriacontane (C38)	20.780	2471205	23.334 ug/ml
22) T n-Tetracontane (C40)	21.684	2574855	24.178 ug/ml

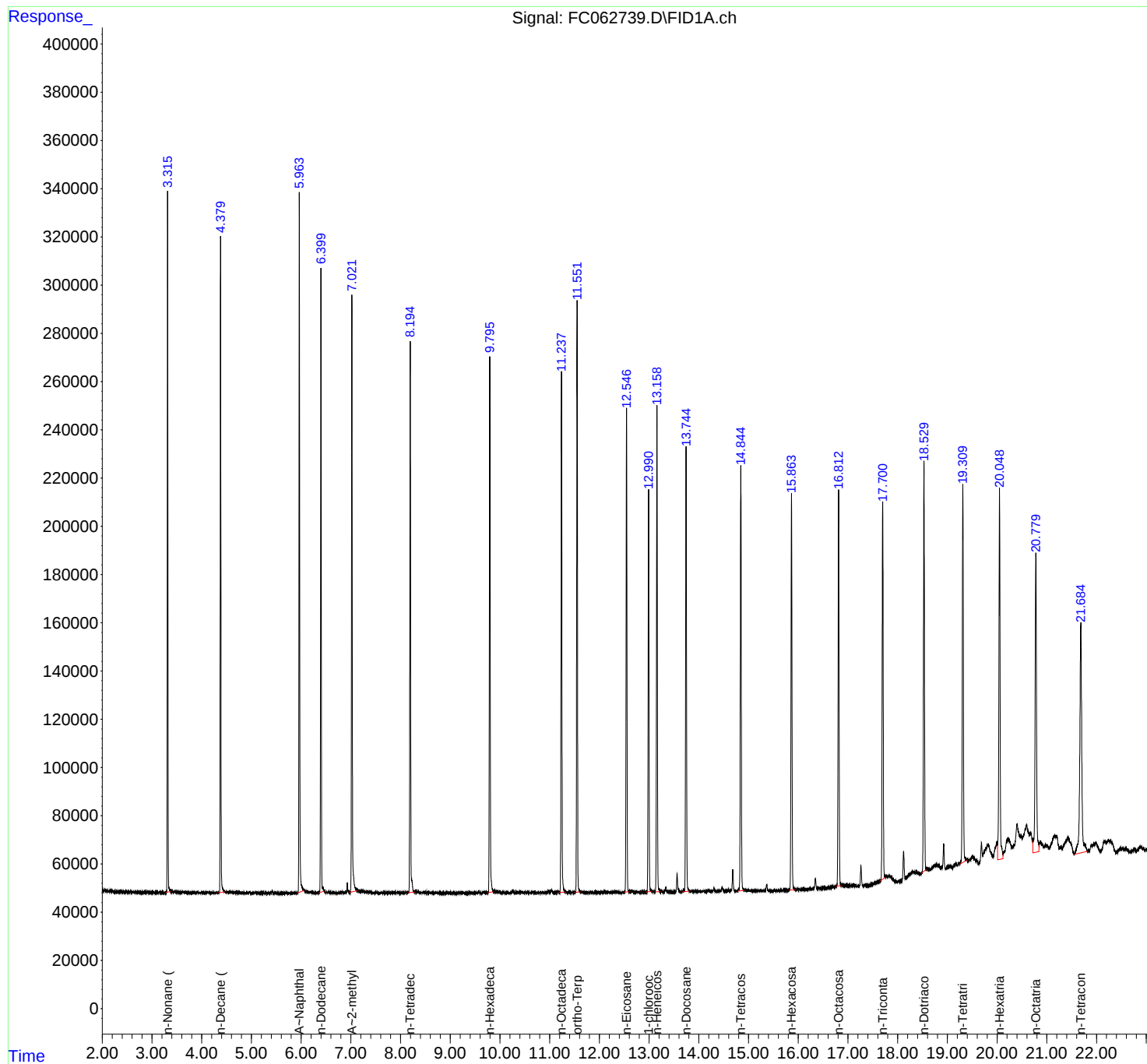
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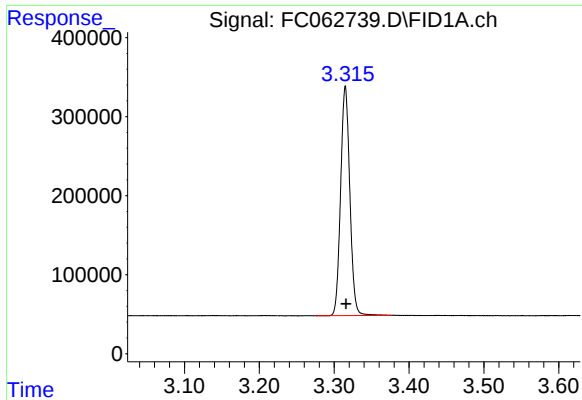
(m)=manual int.

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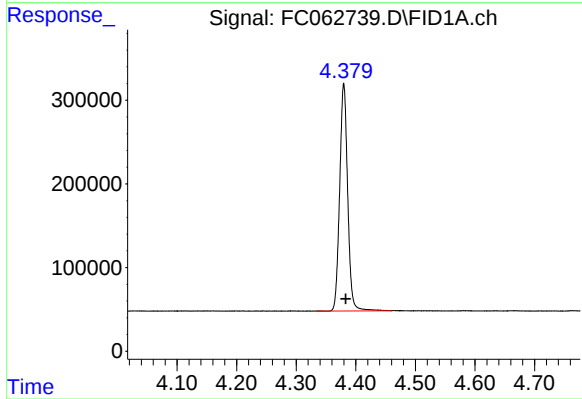
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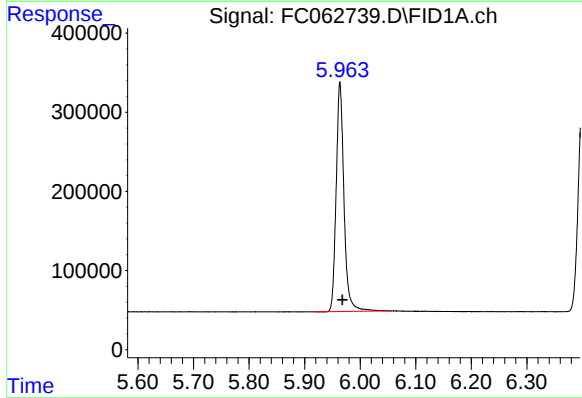
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.001 min
Response: 2482892
Conc: 18.57 ug/ml



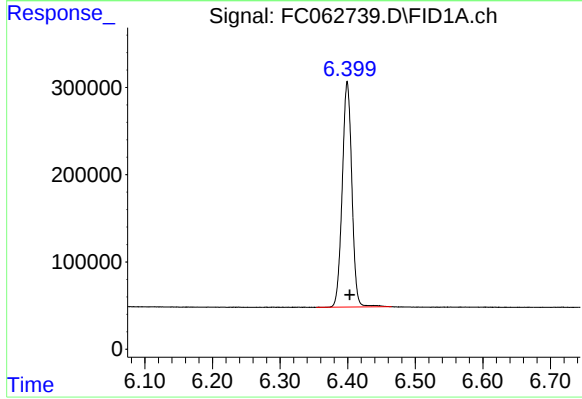
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2532176
Conc: 19.52 ug/ml



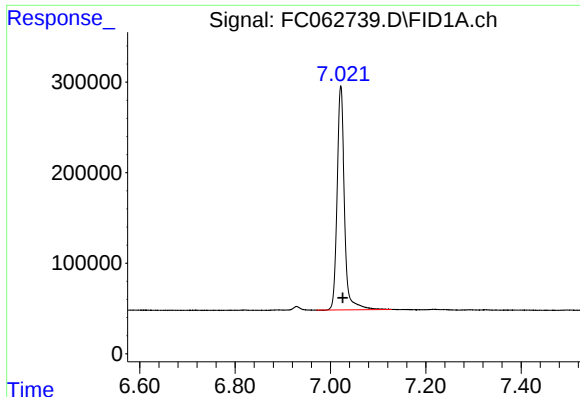
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 2835963
Conc: 19.30 ug/ml



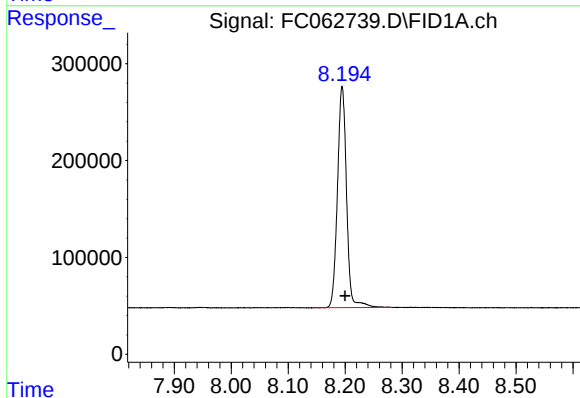
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 2554817
Conc: 19.88 ug/ml



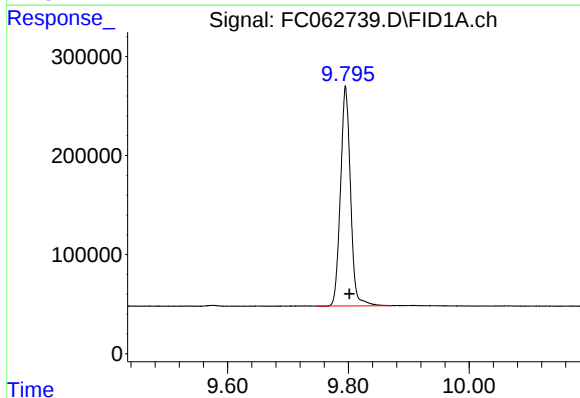
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.004 min
Response: 2653685
Conc: 19.41 ug/ml



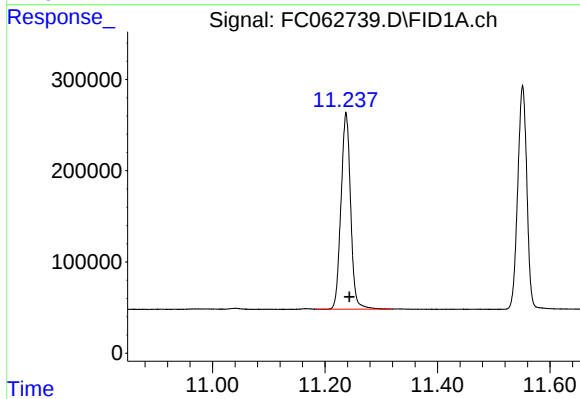
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2536109
Conc: 19.70 ug/ml



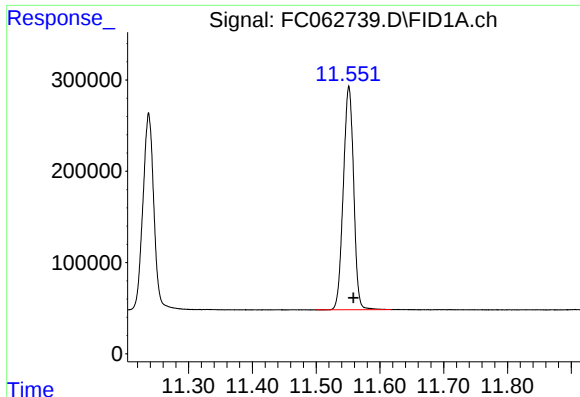
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: -0.007 min
Response: 2551421
Conc: 19.76 ug/ml



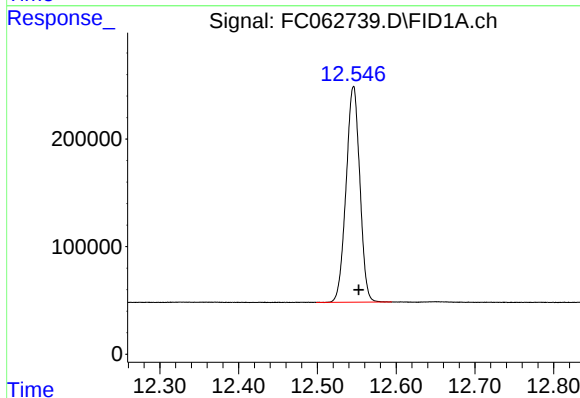
#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.006 min
Response: 2557523
Conc: 19.75 ug/ml



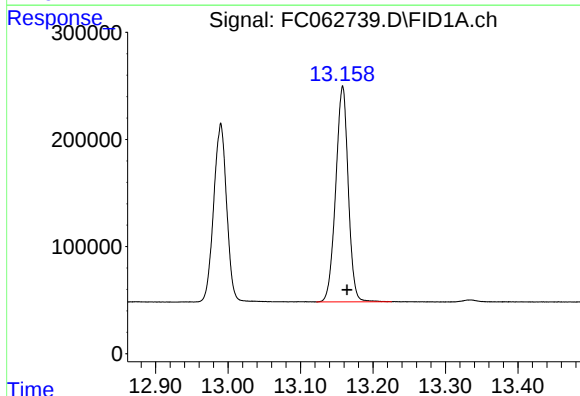
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: -0.007 min
Response: 2757367
Conc: 19.52 ug/ml



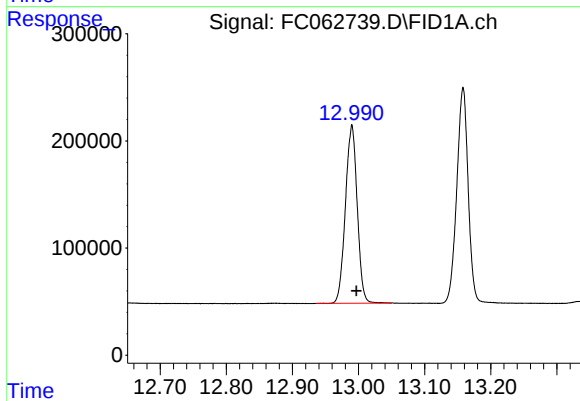
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: -0.007 min
Response: 2433201
Conc: 19.72 ug/ml



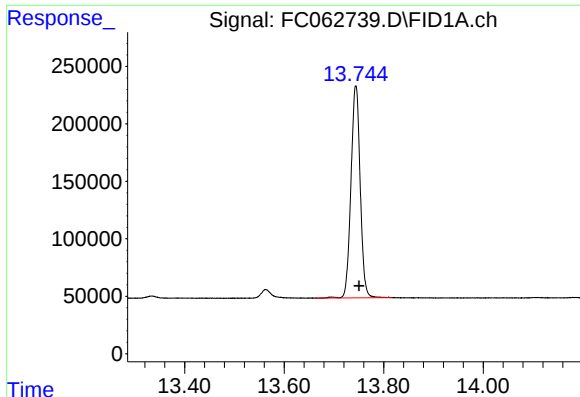
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.006 min
Response: 2416456
Conc: 19.72 ug/ml



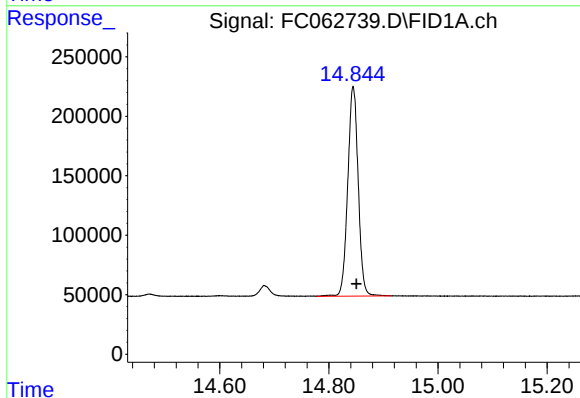
#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: -0.006 min
Response: 2059937
Conc: 19.56 ug/ml



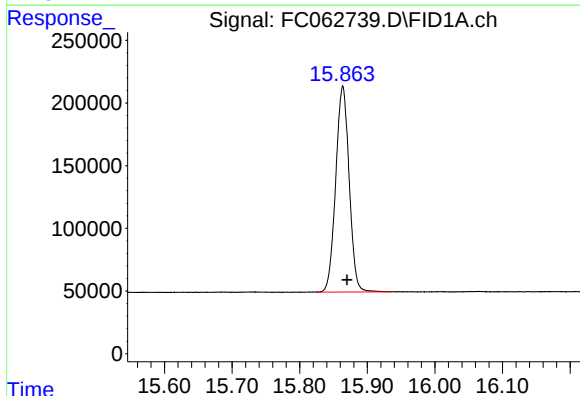
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.006 min
Response: 2378981
Conc: 19.90 ug/ml



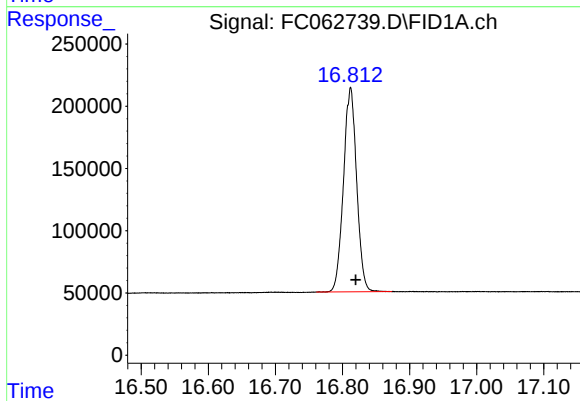
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.006 min
Response: 2343048
Conc: 20.12 ug/ml



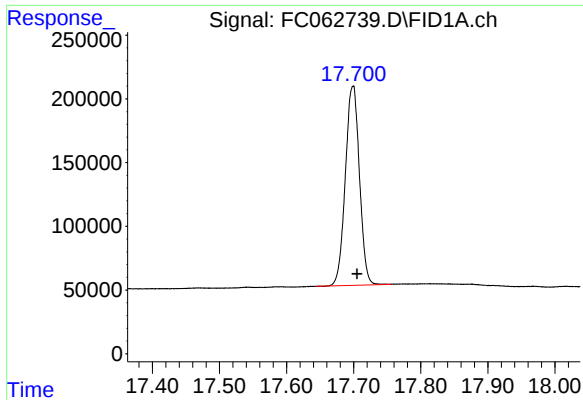
#15 n-Hexacosane (C26)

R.T.: 15.864 min
Delta R.T.: -0.006 min
Response: 2269227
Conc: 20.20 ug/ml



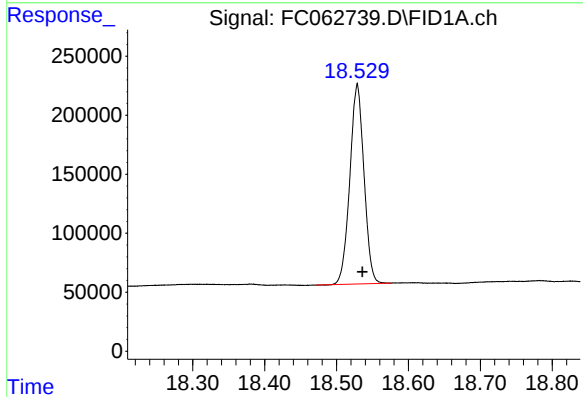
#16 n-Octacosane (C28)

R.T.: 16.812 min
Delta R.T.: -0.008 min
Response: 2241697
Conc: 20.42 ug/ml



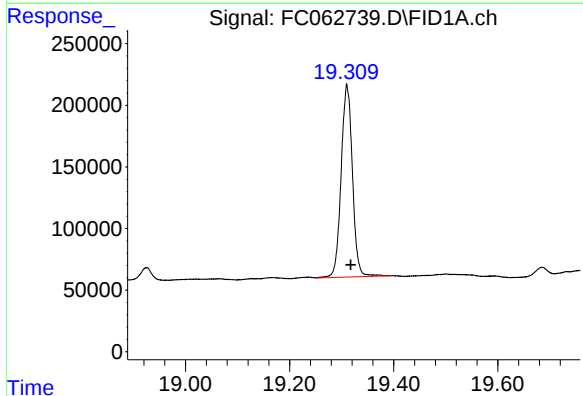
#17 n-Tricontane (C30)

R.T.: 17.699 min
Delta R.T.: -0.006 min
Response: 2285615
Conc: 21.11 ug/ml



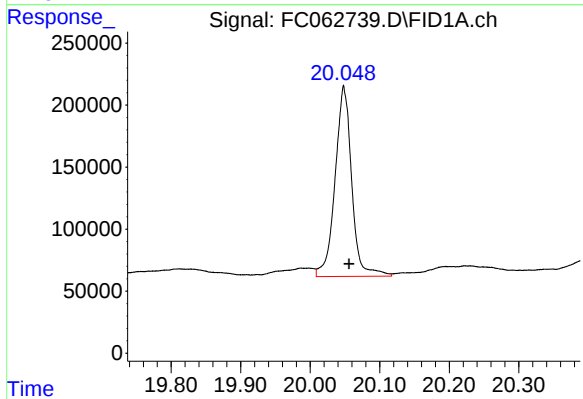
#18 n-Dotriacontane (C32)

R.T.: 18.529 min
Delta R.T.: -0.007 min
Response: 2311720
Conc: 21.18 ug/ml



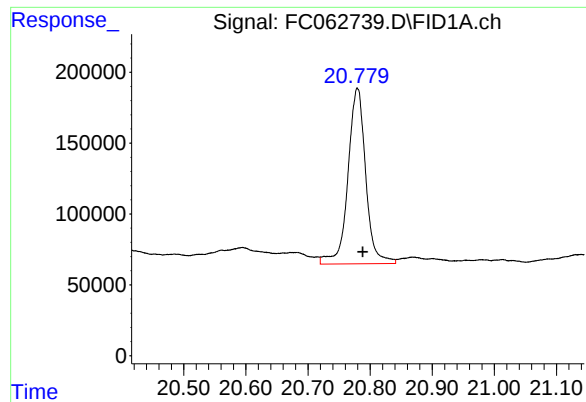
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.007 min
Response: 2352072
Conc: 21.63 ug/ml



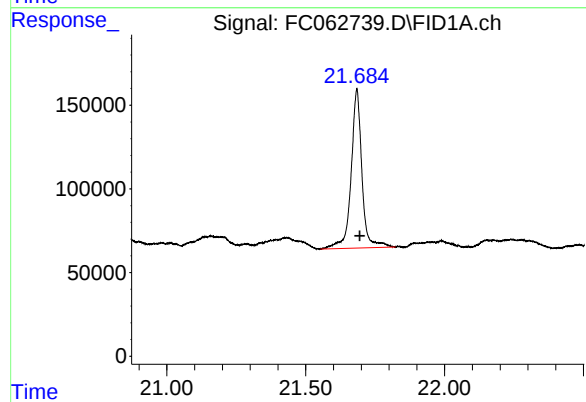
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.007 min
Response: 2551099
Conc: 22.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.009 min
Response: 2471205
Conc: 23.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.011 min
Response: 2574855
Conc: 24.18 ug/ml