

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071822AL\
 Data File : FC060780.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2022 03:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 19 04:30:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.637	3016177	16.459 ug/ml
Spiked Amount 50.000		Recovery =	32.92%
12) S 1-chlorooctadecane (S...	12.003	2442830	16.573 ug/ml
Spiked Amount 50.000		Recovery =	33.15%
Target Compounds			
1) T n-Nonane (C9)	2.625	2798675	18.245 ug/ml
2) T n-Decane (C10)	3.621	2837369	18.579 ug/ml
3) T A~Naphthalene (C11.7)	5.162	2980212	17.825 ug/ml
4) T n-Dodecane (C12)	5.570	2909007	18.000 ug/ml
5) T A~2-methylnaphthalene...	6.185	2957092	17.396 ug/ml
6) T n-Tetradecane (C14)	7.319	2917606	17.661 ug/ml
7) T n-Hexadecane (C16)	8.882	2910975	17.224 ug/ml
8) T n-Octadecane (C18)	10.289	2879284	16.736 ug/ml
10) T n-Eicosane (C20)	11.568	2810133	16.465 ug/ml
11) T n-Heneicosane (C21)	12.165	2758541	16.179 ug/ml
13) T n-Docosane (C22)	12.738	2703433	15.859 ug/ml
14) T n-Tetracosane (C24)	13.815	2594192	15.451 ug/ml
15) T n-Hexacosane (C26)	14.811	2477361	15.076 ug/ml
16) T n-Octacosane (C28)	15.739	2414438	15.216 ug/ml
17) T n-Tricontane (C30)	16.604	2418493	15.888 ug/ml
18) T n-Dotriacontane (C32)	17.417	2417999	16.634 ug/ml
19) T n-Tetratriacontane (C34)	18.183	2309269	18.182 ug/ml
20) T n-Hexatriacontane (C36)	18.903	2298478	20.480 ug/ml
21) T n-Octatriacontane (C38)	19.587	2229252	20.365 ug/ml
22) T n-Tetracontane (C40)	20.233	2140841	18.956 ug/ml

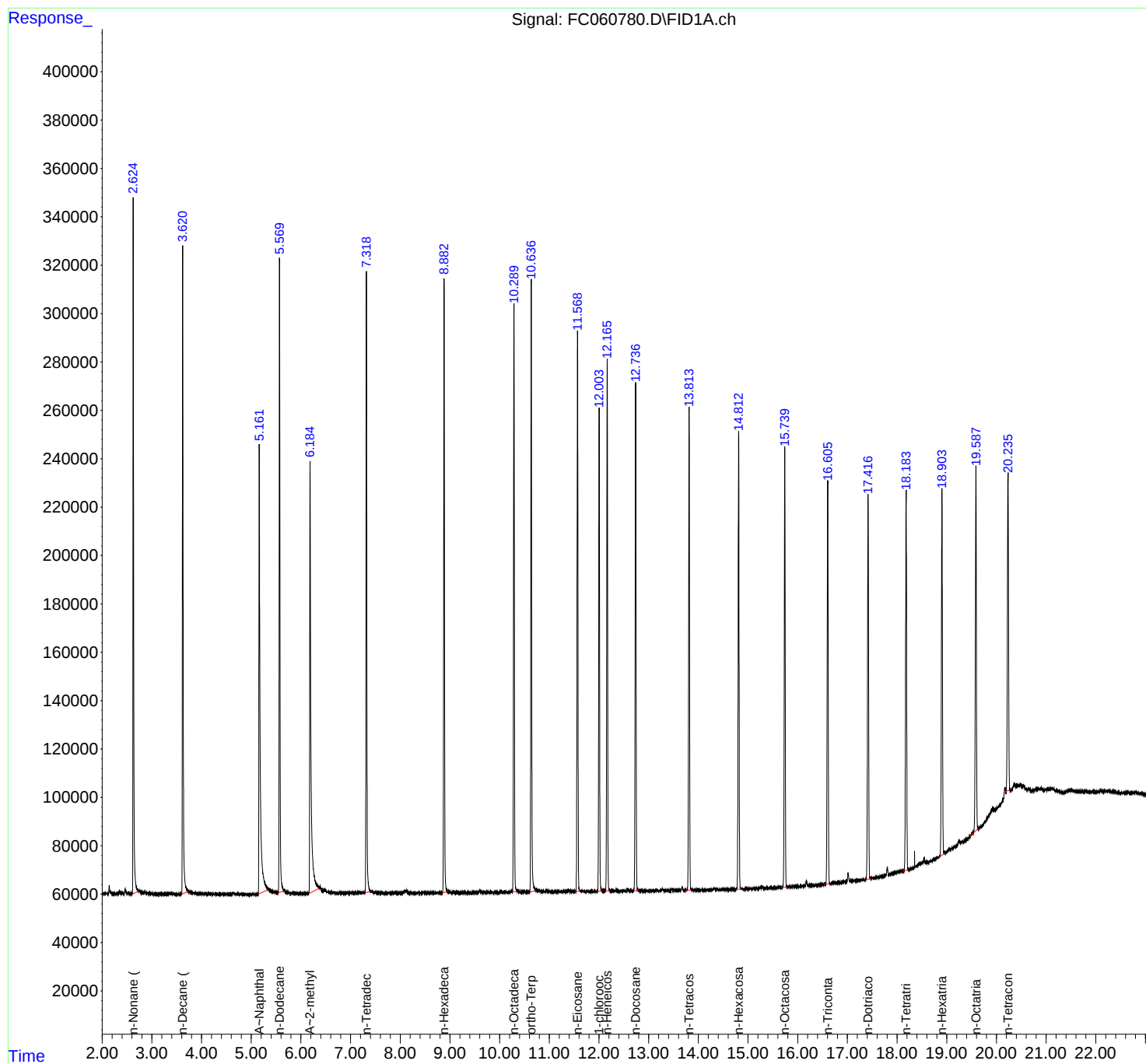
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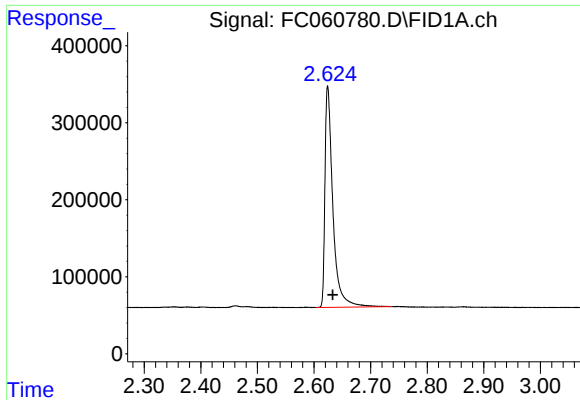
(m)=manual int.

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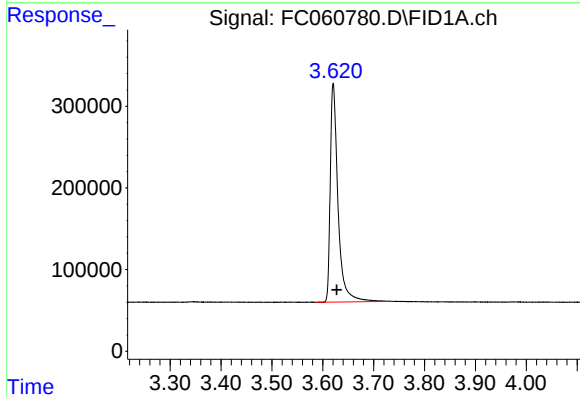
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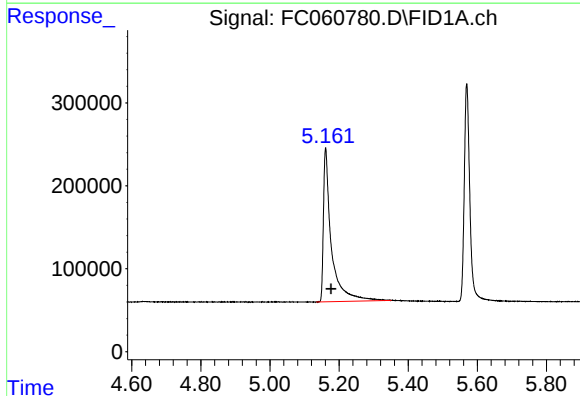
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 2798675
Conc: 18.24 ug/ml



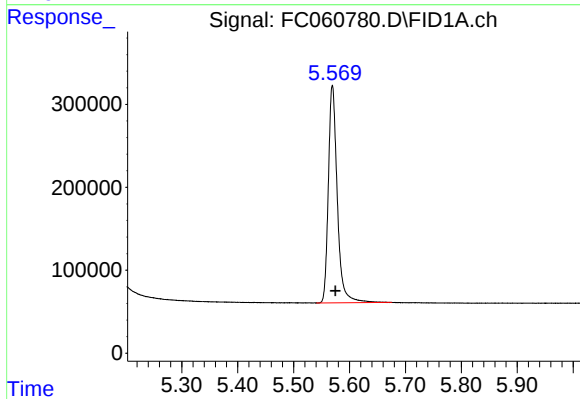
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.006 min
Response: 2837369
Conc: 18.58 ug/ml



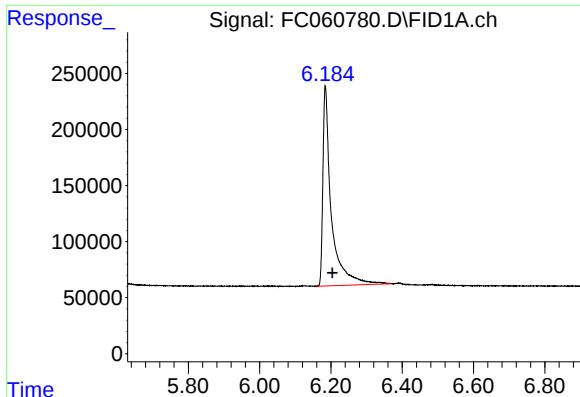
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.015 min
Response: 2980212
Conc: 17.83 ug/ml



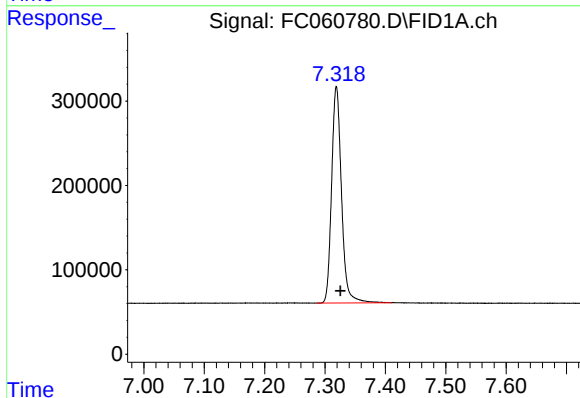
#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: -0.005 min
Response: 2909007
Conc: 18.00 ug/ml



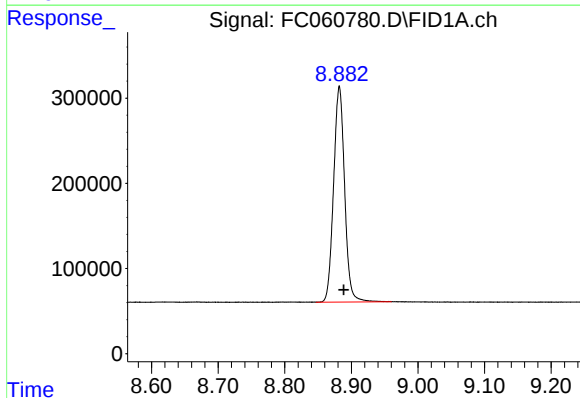
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.185 min
Delta R.T.: -0.019 min
Response: 2957092
Conc: 17.40 ug/ml



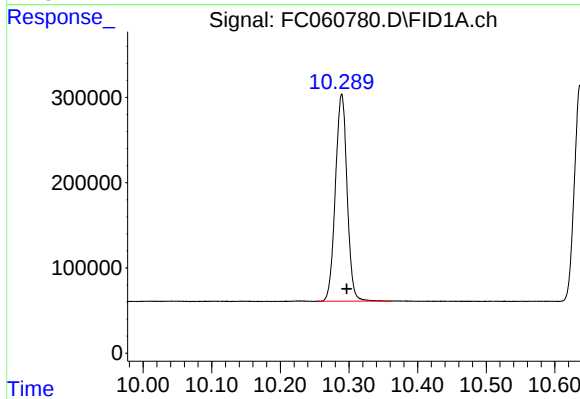
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 2917606
Conc: 17.66 ug/ml



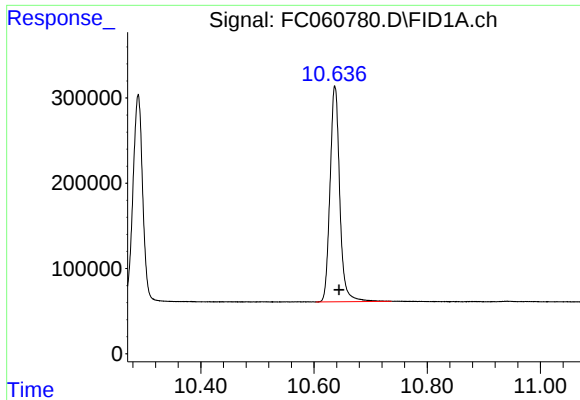
#7 n-Hexadecane (C16)

R.T.: 8.882 min
Delta R.T.: -0.007 min
Response: 2910975
Conc: 17.22 ug/ml



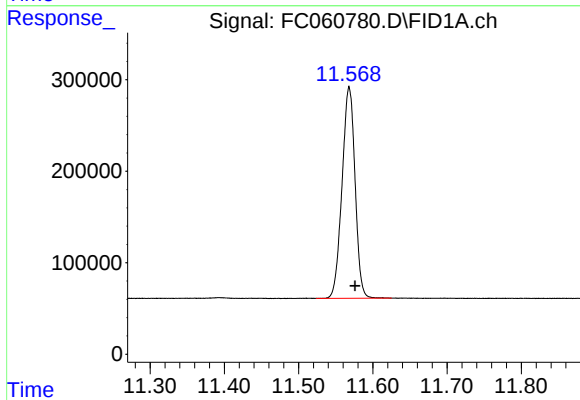
#8 n-Octadecane (C18)

R.T.: 10.289 min
Delta R.T.: -0.007 min
Response: 2879284
Conc: 16.74 ug/ml



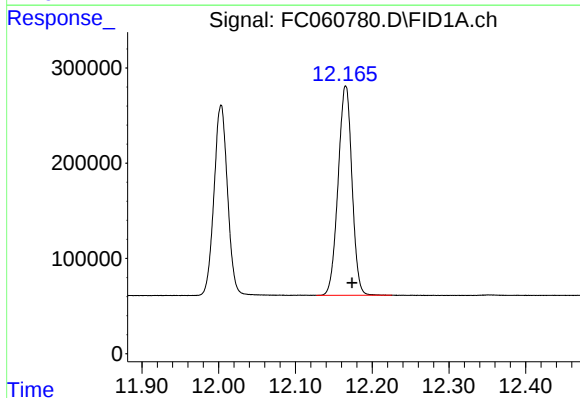
#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: -0.008 min
Response: 3016177
Conc: 16.46 ug/ml



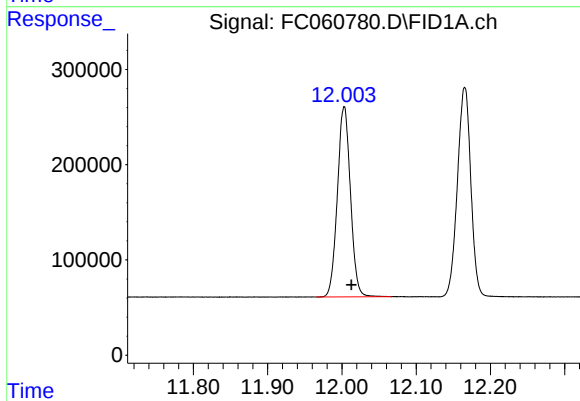
#10 n-Eicosane (C20)

R.T.: 11.568 min
Delta R.T.: -0.008 min
Response: 2810133
Conc: 16.47 ug/ml



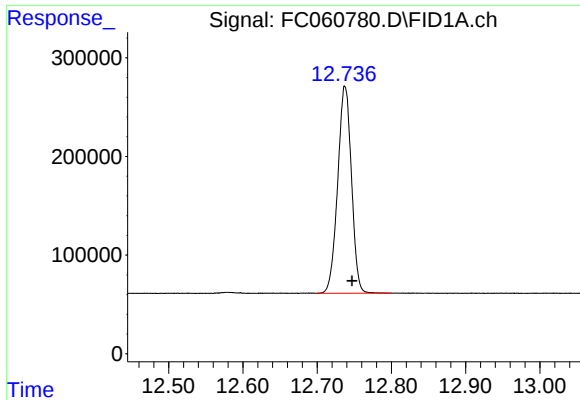
#11 n-Heneicosane (C21)

R.T.: 12.165 min
Delta R.T.: -0.009 min
Response: 2758541
Conc: 16.18 ug/ml



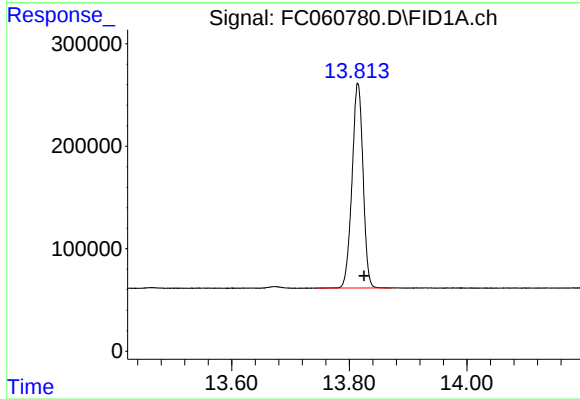
#12 1-chlorooctadecane (SURR)

R.T.: 12.003 min
Delta R.T.: -0.010 min
Response: 2442830
Conc: 16.57 ug/ml



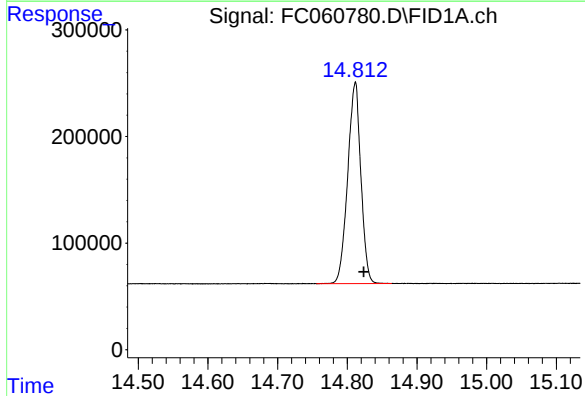
#13 n-Docosane (C22)

R.T.: 12.738 min
Delta R.T.: -0.010 min
Response: 2703433
Conc: 15.86 ug/ml



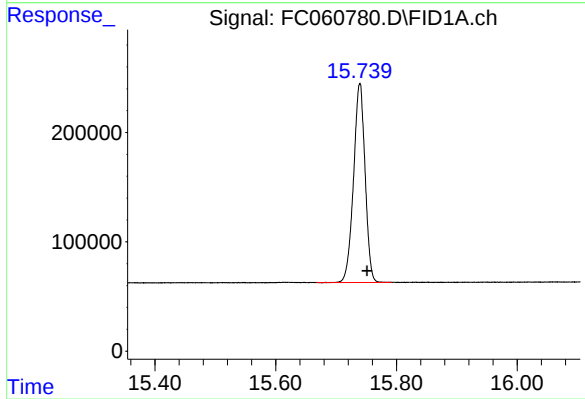
#14 n-Tetracosane (C24)

R.T.: 13.815 min
Delta R.T.: -0.011 min
Response: 2594192
Conc: 15.45 ug/ml



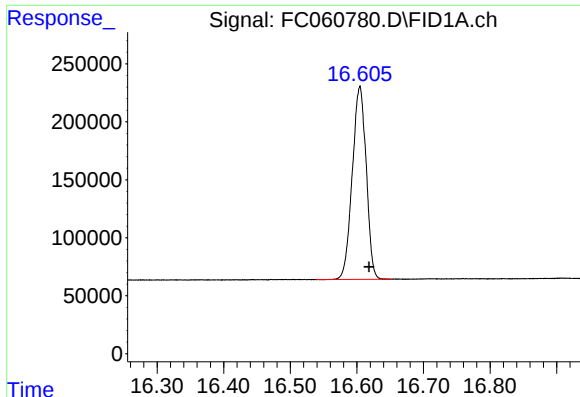
#15 n-Hexacosane (C26)

R.T.: 14.811 min
Delta R.T.: -0.012 min
Response: 2477361
Conc: 15.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.739 min
Delta R.T.: -0.012 min
Response: 2414438
Conc: 15.22 ug/ml



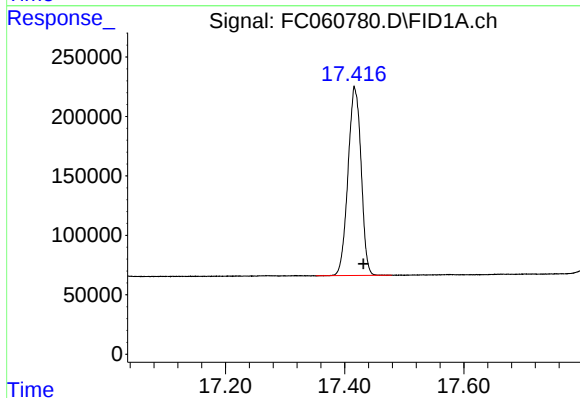
#17 n-Tricontane (C30)

R.T.: 16.604 min

Delta R.T.: -0.014 min

Response: 2418493

Conc: 15.89 ug/ml



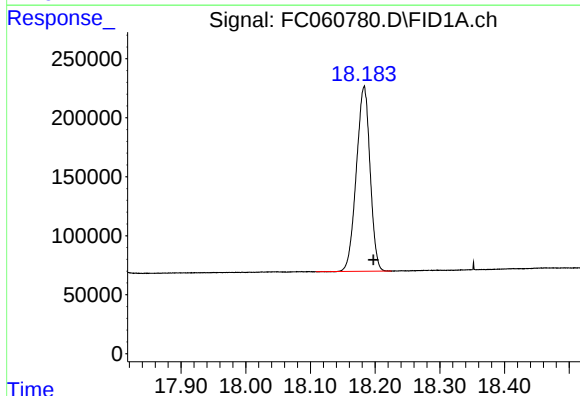
#18 n-Dotriacontane (C32)

R.T.: 17.417 min

Delta R.T.: -0.014 min

Response: 2417999

Conc: 16.63 ug/ml



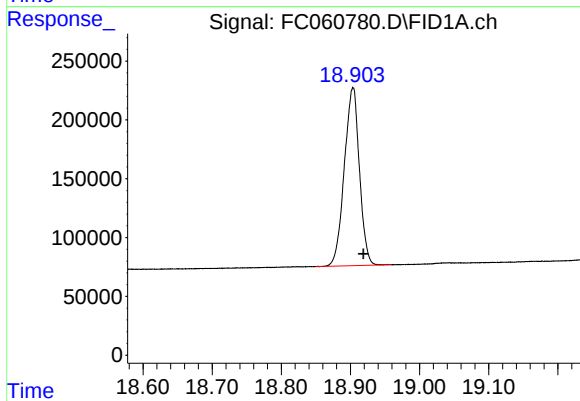
#19 n-Tetratriacontane (C34)

R.T.: 18.183 min

Delta R.T.: -0.014 min

Response: 2309269

Conc: 18.18 ug/ml



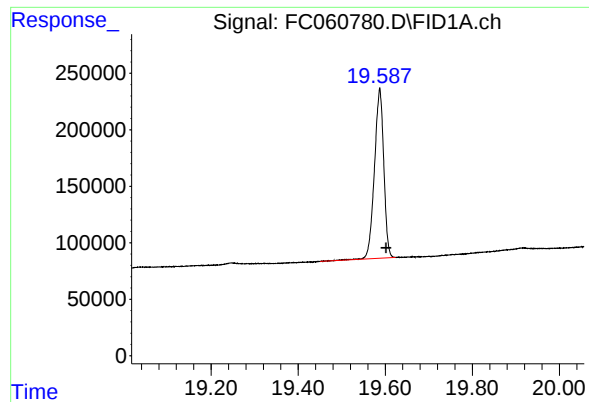
#20 n-Hexatriacontane (C36)

R.T.: 18.903 min

Delta R.T.: -0.015 min

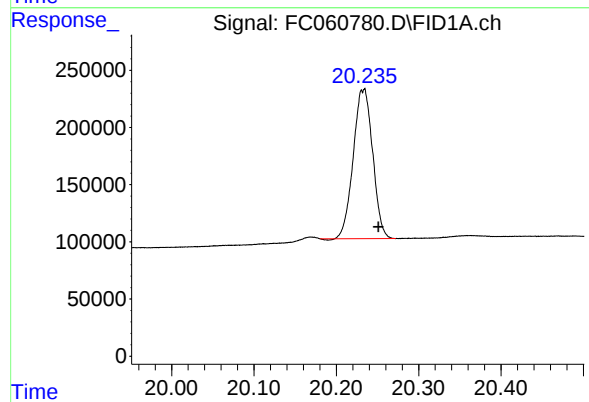
Response: 2298478

Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.587 min
Delta R.T.: -0.015 min
Response: 2229252
Conc: 20.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.233 min
Delta R.T.: -0.018 min
Response: 2140841
Conc: 18.96 ug/ml