

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121420AL\
 Data File : FD035770.D
 Signal(s) : FID2B.CH
 Acq On : 14 Dec 2020 9:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 03:07:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 05:38:14 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.493	2692514	19.279 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	12.924	2132218	19.017 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.294	2482839	20.740 ug/ml
2) T n-Decane (C10)	4.355	2525760	20.934 ug/ml
3) T A~Naphthalene (C11.7)	5.933	2662482	20.470 ug/ml
4) T n-Dodecane (C12)	6.362	2602545	20.920 ug/ml
5) T A~2-methylnaphthalene...	6.984	2703812	20.346 ug/ml
6) T n-Tetradecane (C14)	8.149	2605071	20.784 ug/ml
7) T n-Hexadecane (C16)	9.743	2552991	20.567 ug/ml
8) T n-Octadecane (C18)	11.178	2636001	20.167 ug/ml
10) T n-Eicosane (C20)	12.482	2603699	19.642 ug/ml
11) T n-Heneicosane (C21)	13.091	2555245	19.320 ug/ml
13) T n-Docosane (C22)	13.675	2532374	19.166 ug/ml
14) T n-Tetracosane (C24)	14.772	2453062	18.689 ug/ml
15) T n-Hexacosane (C26)	15.789	2367614	18.523 ug/ml
16) T n-Octacosane (C28)	16.735	2311546	18.623 ug/ml
17) T n-Tricontane (C30)	17.617	2293298	19.490 ug/ml
18) T n-Dotriacontane (C32)	18.443	2161686	20.479 ug/ml
19) T n-Tetratriacontane (C34)	19.223	2020479	21.095 ug/ml
20) T n-Hexatriacontane (C36)	19.958	1901131	21.434 ug/ml
21) T n-Octatriacontane (C38)	20.671	1781349	21.357 ug/ml
22) T n-Tetracontane (C40)	21.535	1867585	22.183 ug/ml

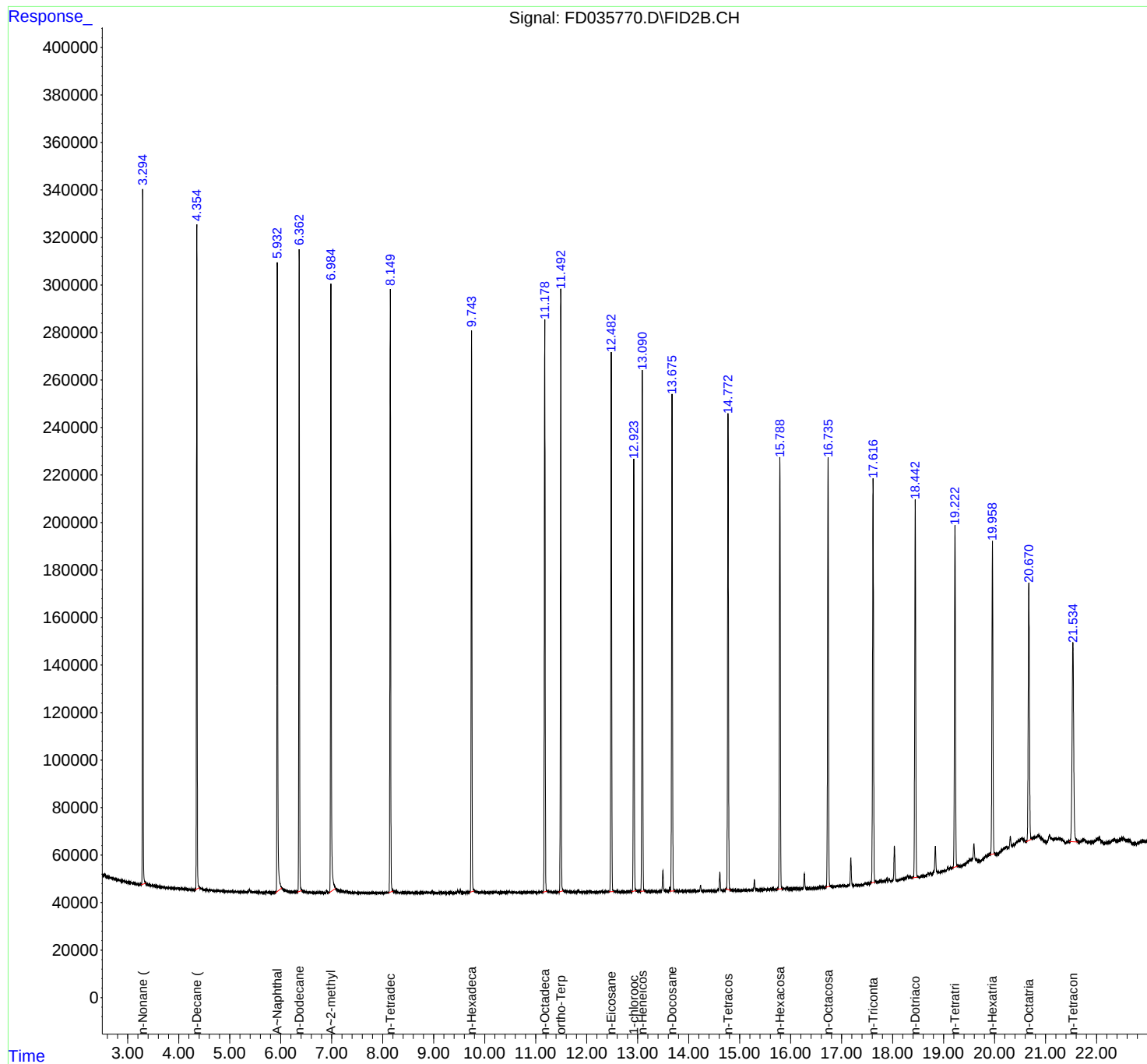
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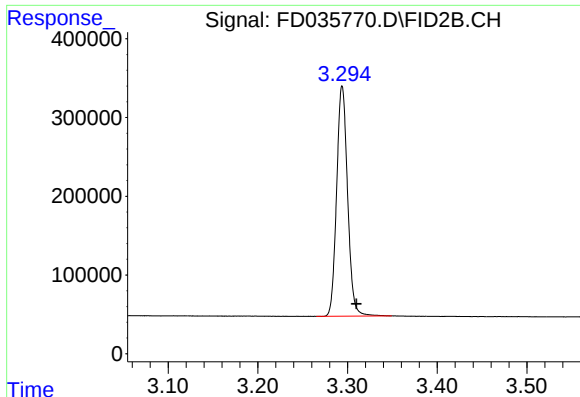
(m)=manual int.

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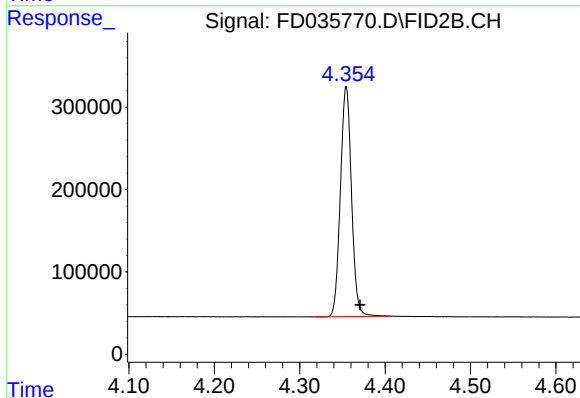
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





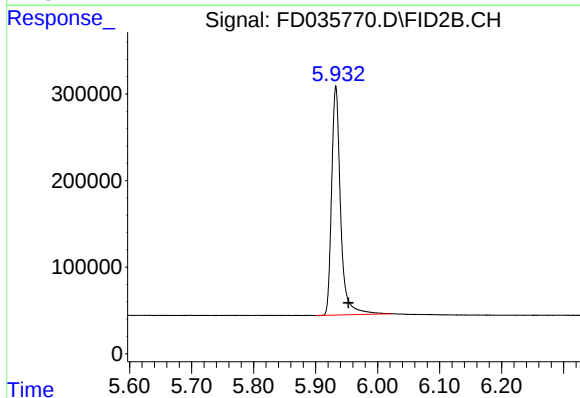
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.016 min
Response: 2482839
Conc: 20.74 ug/ml



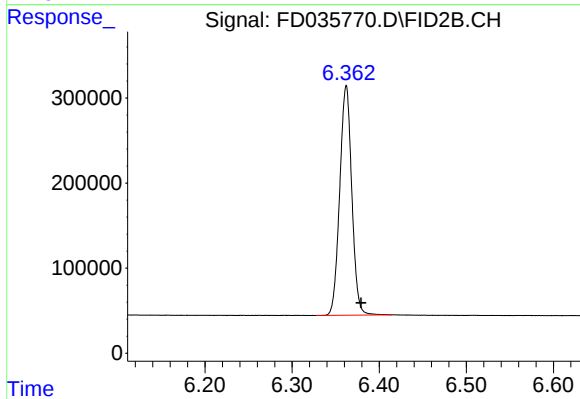
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.016 min
Response: 2525760
Conc: 20.93 ug/ml



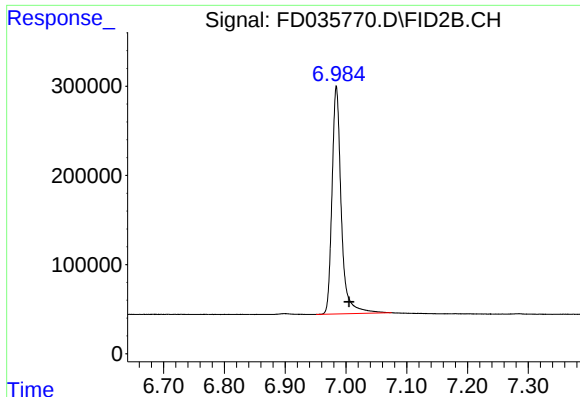
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.020 min
Response: 2662482
Conc: 20.47 ug/ml



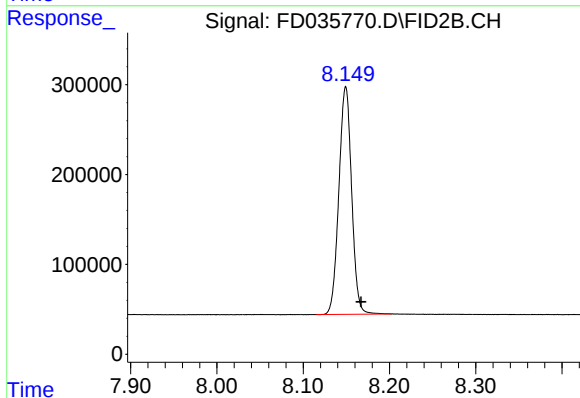
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: -0.017 min
Response: 2602545
Conc: 20.92 ug/ml



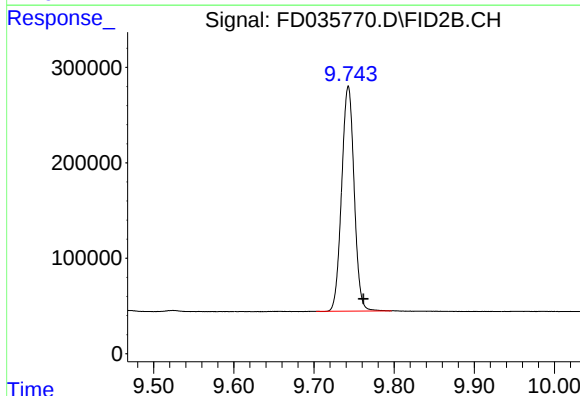
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.021 min
Response: 2703812
Conc: 20.35 ug/ml



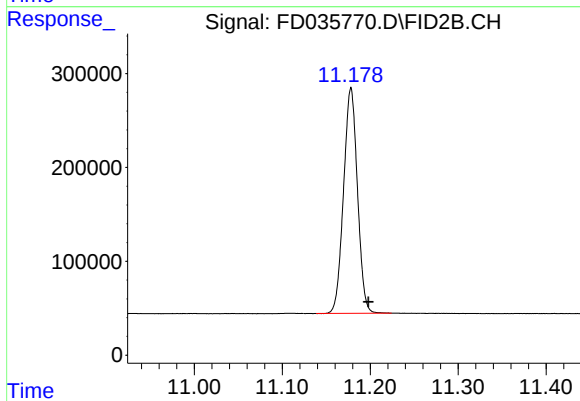
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.018 min
Response: 2605071
Conc: 20.78 ug/ml



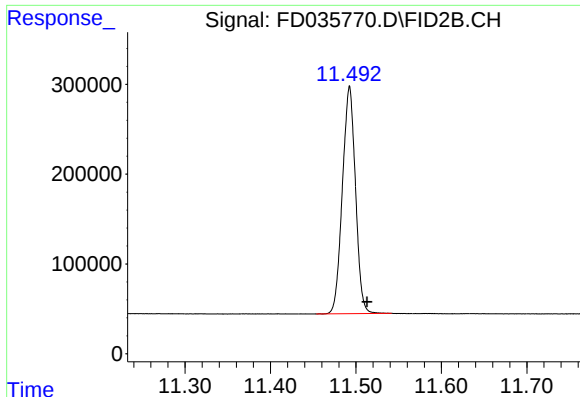
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.019 min
Response: 2552991
Conc: 20.57 ug/ml



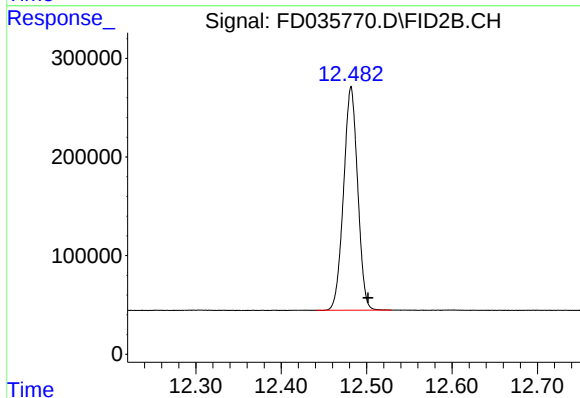
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: -0.020 min
Response: 2636001
Conc: 20.17 ug/ml



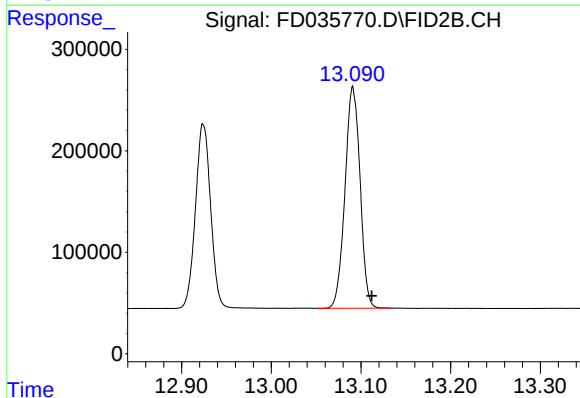
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: -0.020 min
Response: 2692514
Conc: 19.28 ug/ml



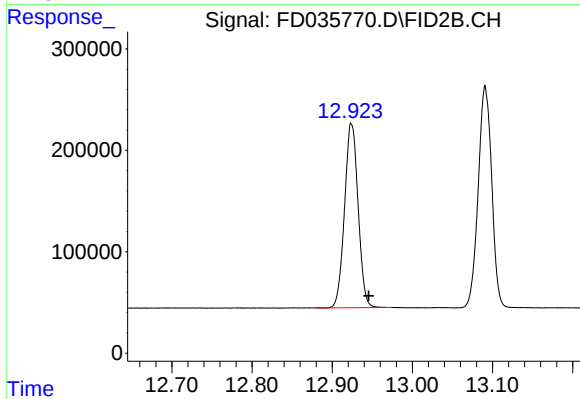
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: -0.020 min
Response: 2603699
Conc: 19.64 ug/ml



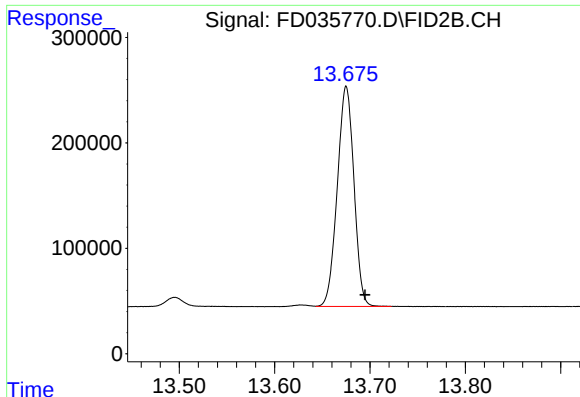
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: -0.021 min
Response: 2555245
Conc: 19.32 ug/ml



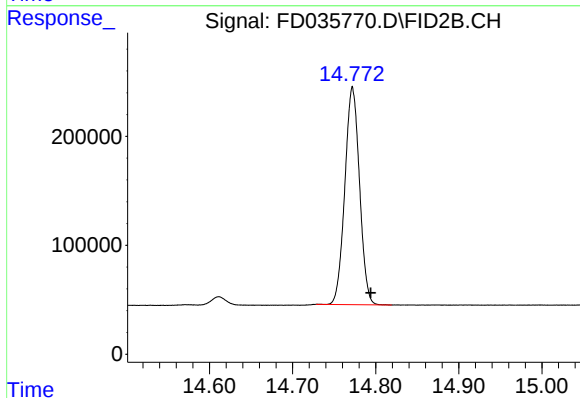
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: -0.021 min
Response: 2132218
Conc: 19.02 ug/ml



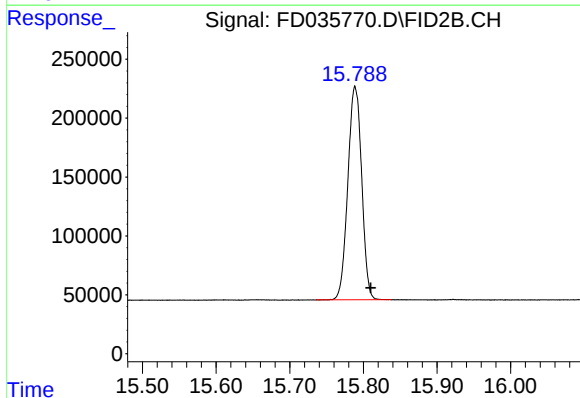
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: -0.020 min
Response: 2532374
Conc: 19.17 ug/ml



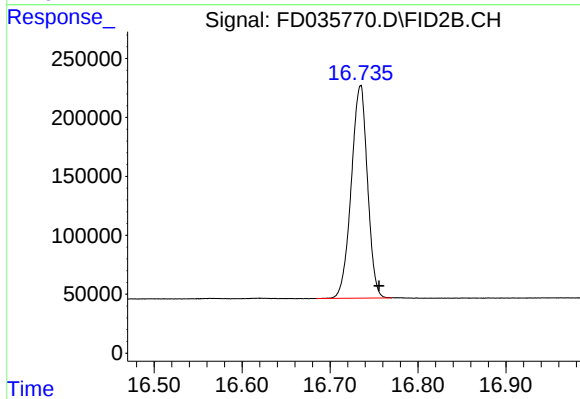
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: -0.022 min
Response: 2453062
Conc: 18.69 ug/ml



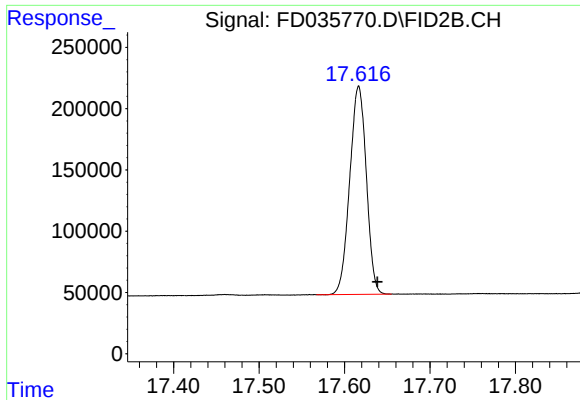
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: -0.021 min
Response: 2367614
Conc: 18.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: -0.021 min
Response: 2311546
Conc: 18.62 ug/ml



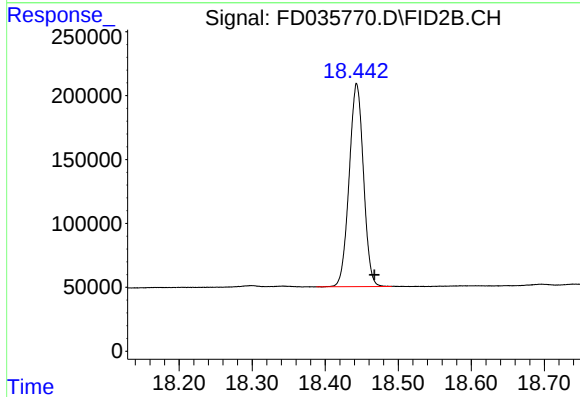
#17 n-Tricontane (C30)

R.T.: 17.617 min

Delta R.T.: -0.022 min

Response: 2293298

Conc: 19.49 ug/ml



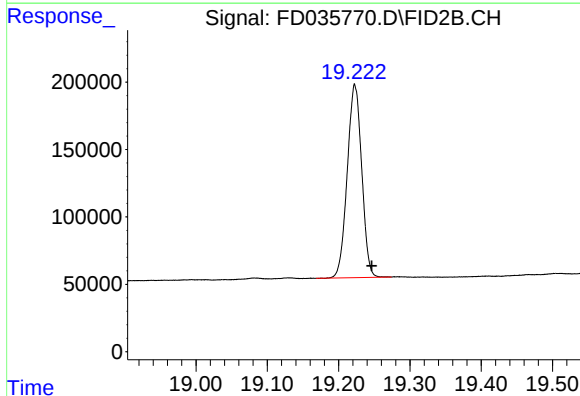
#18 n-Dotriacontane (C32)

R.T.: 18.443 min

Delta R.T.: -0.024 min

Response: 2161686

Conc: 20.48 ug/ml



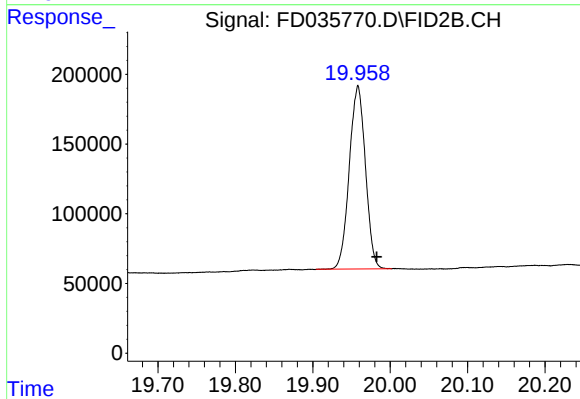
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min

Delta R.T.: -0.024 min

Response: 2020479

Conc: 21.09 ug/ml



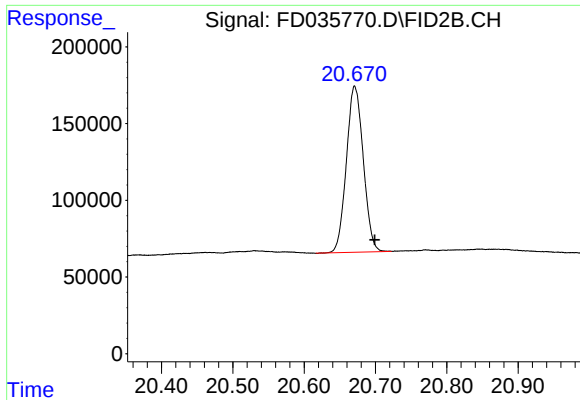
#20 n-Hexatriacontane (C36)

R.T.: 19.958 min

Delta R.T.: -0.024 min

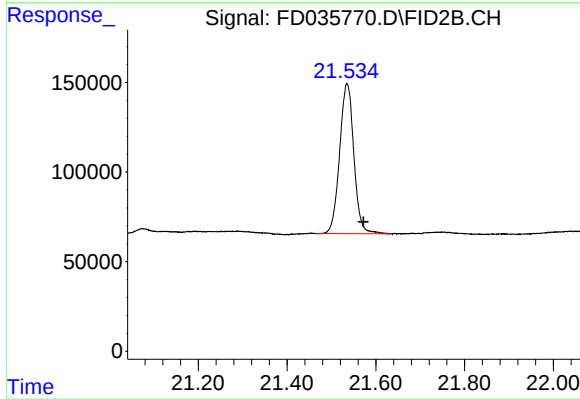
Response: 1901131

Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min
Delta R.T.: -0.028 min
Response: 1781349
Conc: 21.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: -0.037 min
Response: 1867585
Conc: 22.18 ug/ml