

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101520AL\
 Data File : FD035068.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2020 16:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 16 04:06:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 09:52:32 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)	11.565	2490720	19.478 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	12.995	1934985	19.222 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
Target Compounds			
1) T n-Nonane (C9)	3.349	2215563	19.729 ug/ml
2) T n-Decane (C10)	4.414	2237252	19.855 ug/ml
3) T A~Naphthalene (C11.7)	5.995	2439091	19.691 ug/ml
4) T n-Dodecane (C12)	6.426	2292883	19.941 ug/ml
5) T A~2-methylnaphthalene...	7.049	2501493	19.856 ug/ml
6) T n-Tetradecane (C14)	8.216	2308958	20.068 ug/ml
7) T n-Hexadecane (C16)	9.811	2274045	19.945 ug/ml
8) T n-Octadecane (C18)	11.247	2355656	19.795 ug/ml
10) T n-Eicosane (C20)	12.552	2352308	19.509 ug/ml
11) T n-Heneicosane (C21)	13.162	2331799	19.349 ug/ml
13) T n-Docosane (C22)	13.745	2305507	19.160 ug/ml
14) T n-Tetracosane (C24)	14.844	2246217	18.663 ug/ml
15) T n-Hexacosane (C26)	15.860	2149133	18.145 ug/ml
16) T n-Octacosane (C28)	16.806	2078253	17.756 ug/ml
17) T n-Tricontane (C30)	17.688	1973528	17.465 ug/ml
18) T n-Dotriacontane (C32)	18.517	1823347	17.393 ug/ml
19) T n-Tetratriacontane (C34)	19.295	1710408	17.899 ug/ml
20) T n-Hexatriacontane (C36)	20.032	1589172	18.522 ug/ml
21) T n-Octatriacontane (C38)	20.756	1547229	19.266 ug/ml
22) T n-Tetracontane (C40)	21.645	1589501	18.107 ug/ml

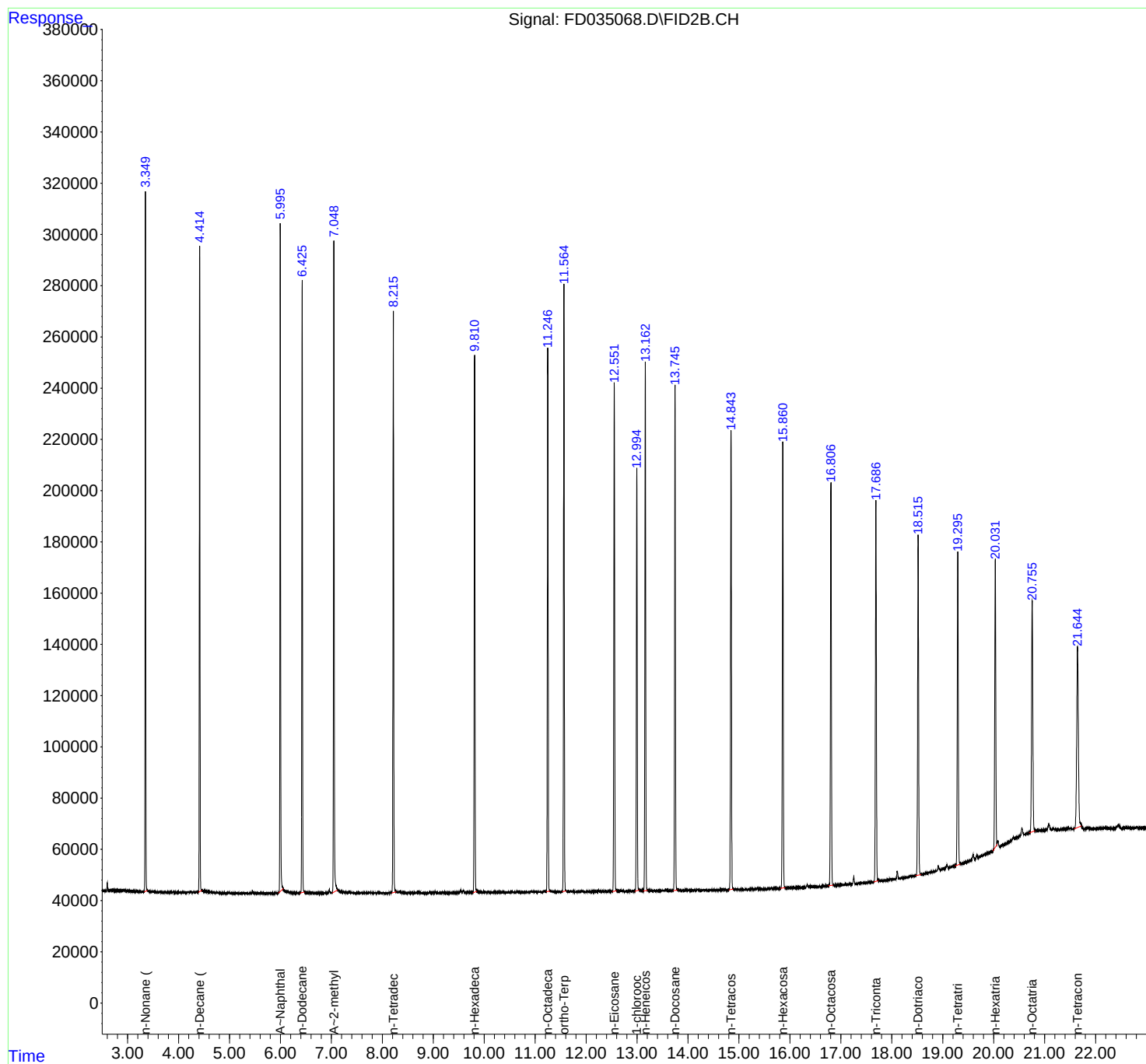
(f)=RT Delta > 1/2 Window

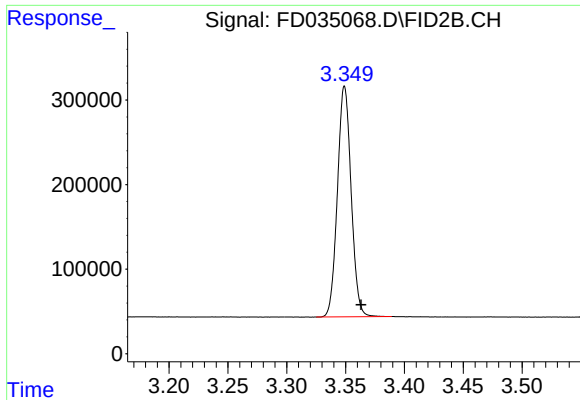
(m)=manual int.

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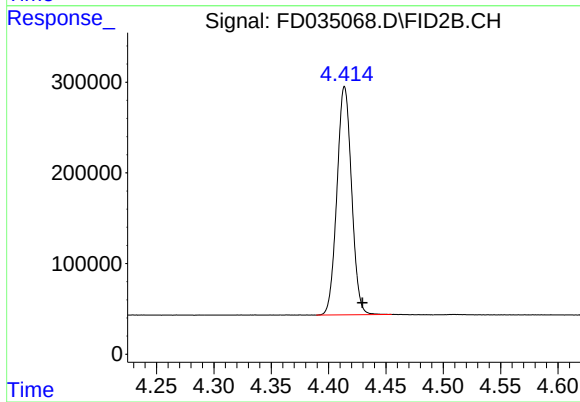
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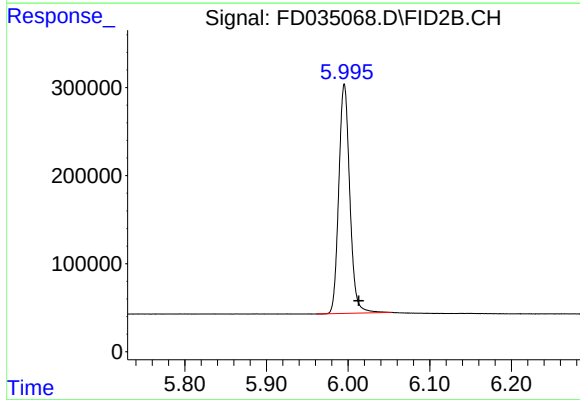
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.014 min
Response: 2215563
Conc: 19.73 ug/ml



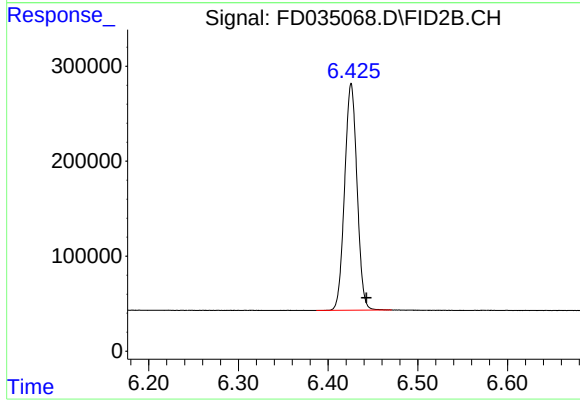
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.016 min
Response: 2237252
Conc: 19.85 ug/ml



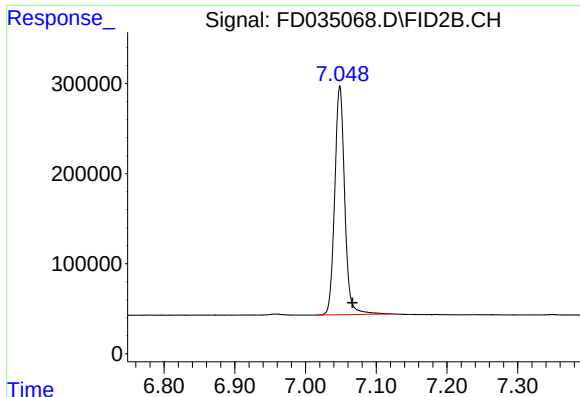
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.017 min
Response: 2439091
Conc: 19.69 ug/ml



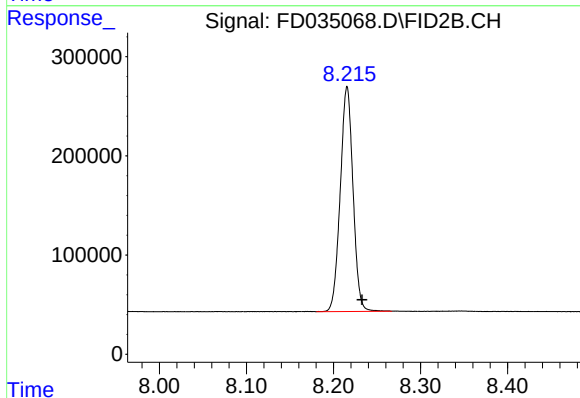
#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: -0.017 min
Response: 2292883
Conc: 19.94 ug/ml



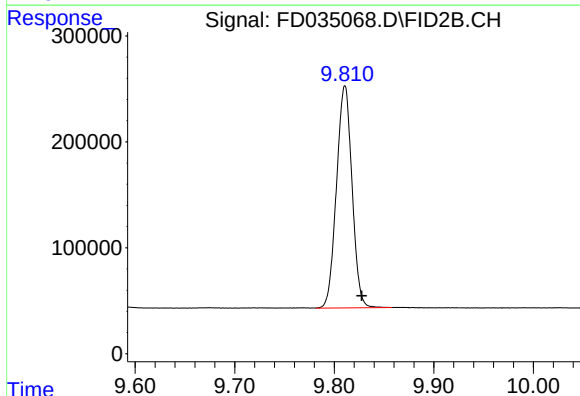
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: -0.018 min
Response: 2501493
Conc: 19.86 ug/ml



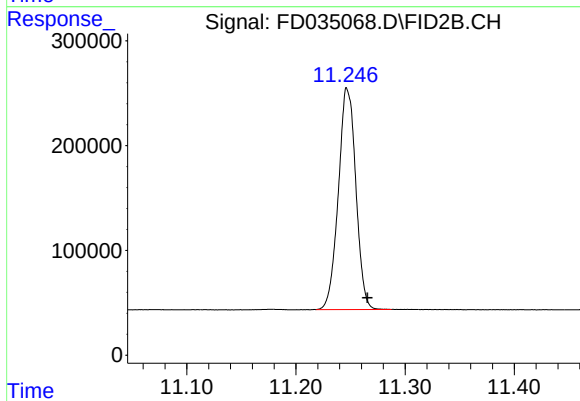
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.017 min
Response: 2308958
Conc: 20.07 ug/ml



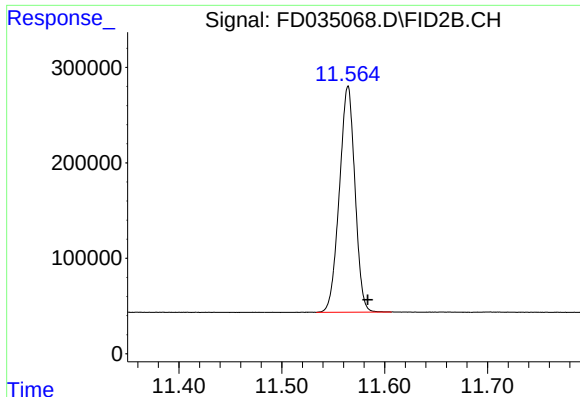
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: -0.017 min
Response: 2274045
Conc: 19.95 ug/ml



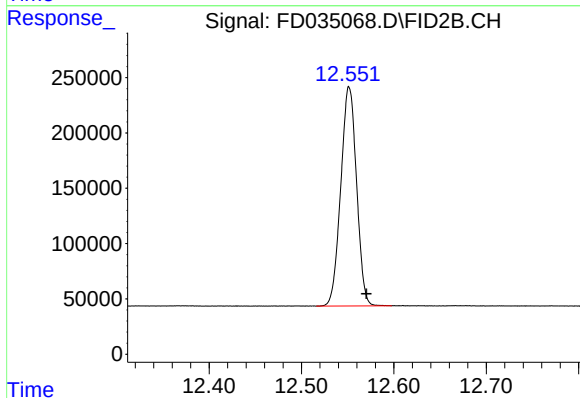
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.019 min
Response: 2355656
Conc: 19.79 ug/ml



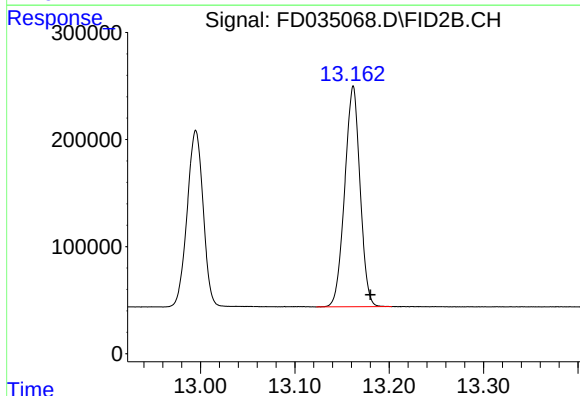
#9 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.019 min
Response: 2490720
Conc: 19.48 ug/ml



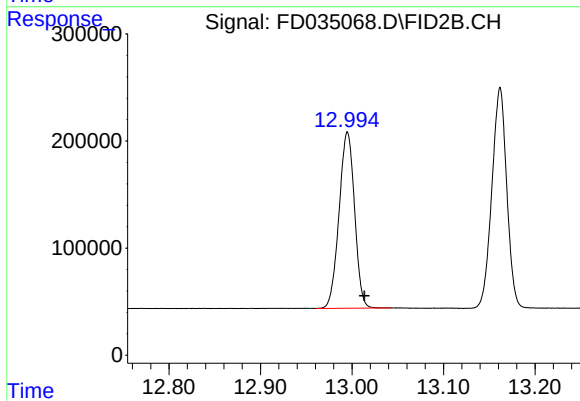
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.019 min
Response: 2352308
Conc: 19.51 ug/ml



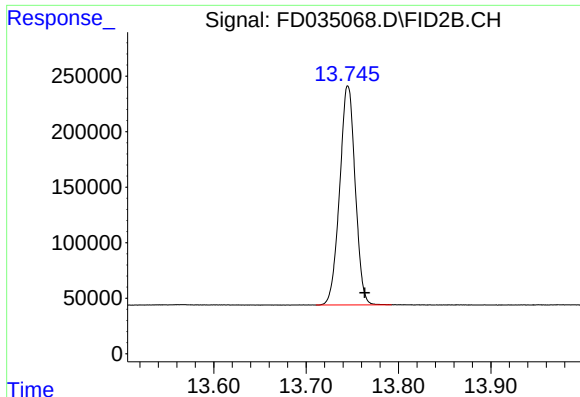
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.018 min
Response: 2331799
Conc: 19.35 ug/ml



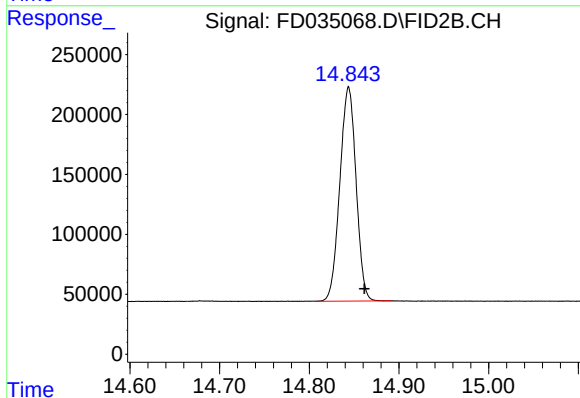
#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.018 min
Response: 1934985
Conc: 19.22 ug/ml



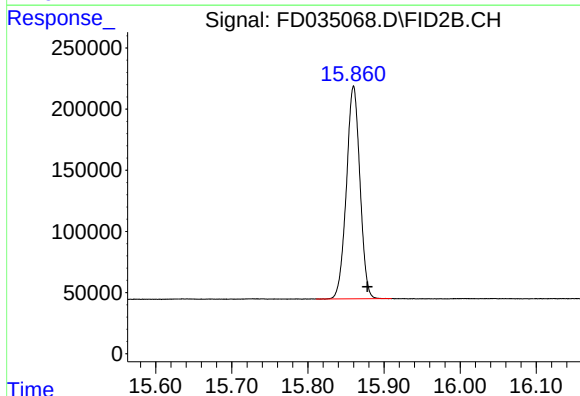
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: -0.018 min
Response: 2305507
Conc: 19.16 ug/ml



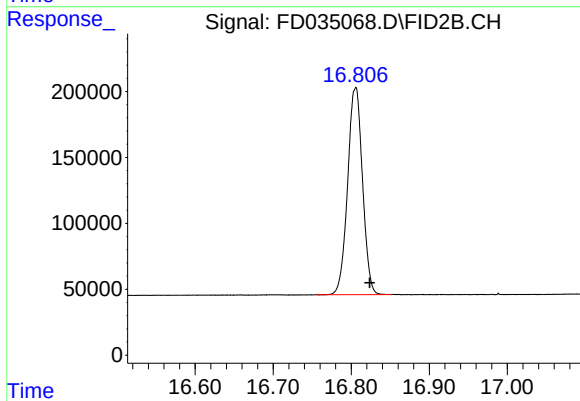
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.018 min
Response: 2246217
Conc: 18.66 ug/ml



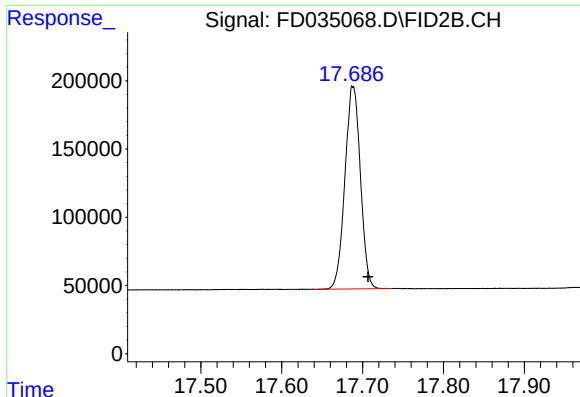
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.018 min
Response: 2149133
Conc: 18.15 ug/ml



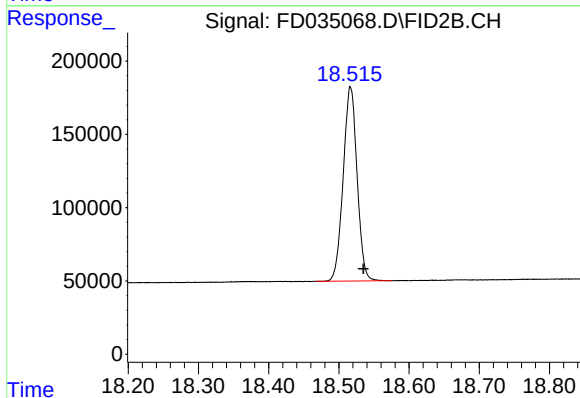
#16 n-Octacosane (C28)

R.T.: 16.806 min
Delta R.T.: -0.018 min
Response: 2078253
Conc: 17.76 ug/ml



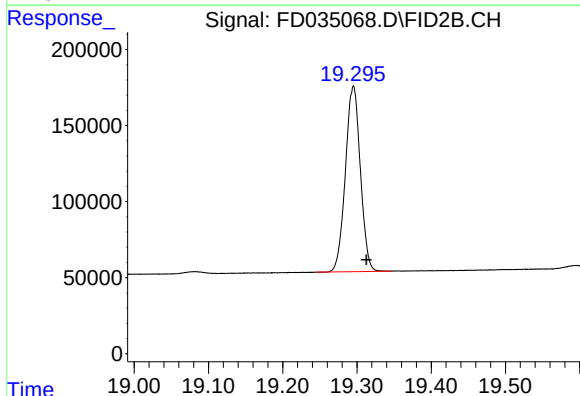
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.019 min
Response: 1973528
Conc: 17.46 ug/ml



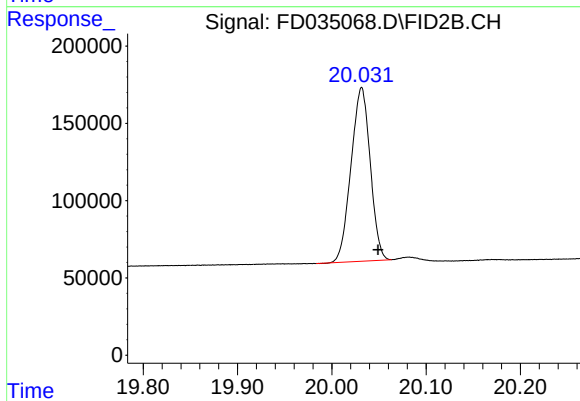
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.018 min
Response: 1823347
Conc: 17.39 ug/ml



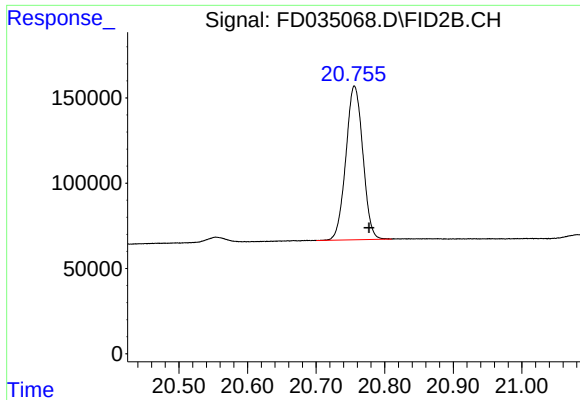
#19 n-Tetratriacontane (C34)

R.T.: 19.295 min
Delta R.T.: -0.018 min
Response: 1710408
Conc: 17.90 ug/ml



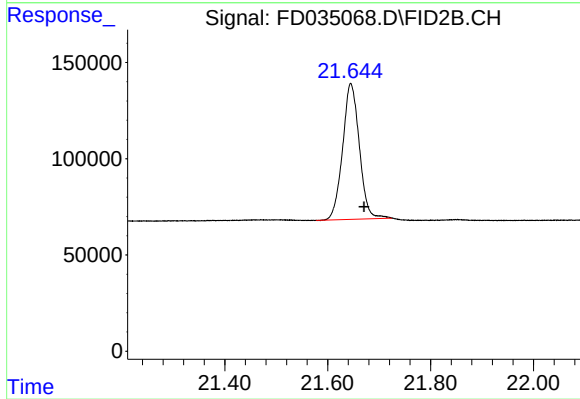
#20 n-Hexatriacontane (C36)

R.T.: 20.032 min
Delta R.T.: -0.018 min
Response: 1589172
Conc: 18.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.021 min
Response: 1547229
Conc: 19.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.026 min
Response: 1589501
Conc: 18.11 ug/ml