

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040254.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 12:10
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 12:35:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 2021
 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)	10.714	3213219	20.626 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.149	2459216	20.392 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	2.641	2838244	21.628 ug/ml
2) T n-Decane (C10)	3.635	2871778	21.696 ug/ml
3) T A~Naphthalene (C11.7)	5.176	3167293	21.466 ug/ml
4) T n-Dodecane (C12)	5.609	2888237	21.748 ug/ml
5) T A~2-methylnaphthalene...	6.217	3159554	21.292 ug/ml
6) T n-Tetradecane (C14)	7.387	2938865	21.257 ug/ml
7) T n-Hexadecane (C16)	8.976	2934394	21.401 ug/ml
8) T n-Octadecane (C18)	10.409	2972799	21.051 ug/ml
10) T n-Eicosane (C20)	11.710	2901979	20.757 ug/ml
11) T n-Heneicosane (C21)	12.318	2907720	20.551 ug/ml
13) T n-Docosane (C22)	12.902	2861525	20.390 ug/ml
14) T n-Tetracosane (C24)	13.997	2794126	19.900 ug/ml
15) T n-Hexacosane (C26)	15.013	2678412	19.478 ug/ml
16) T n-Octacosane (C28)	15.959	2592559	19.058 ug/ml
17) T n-Tricontane (C30)	16.841	2483893	18.560 ug/ml
18) T n-Dotriacontane (C32)	17.670	2297014	17.745 ug/ml
19) T n-Tetratriacontane (C34)	18.450	2129310	17.562 ug/ml
20) T n-Hexatriacontane (C36)	19.186	1953698	18.333 ug/ml
21) T n-Octatriacontane (C38)	19.889	1857178	20.111 ug/ml
22) T n-Tetracontane (C40)	20.720	1815236	23.313 ug/ml

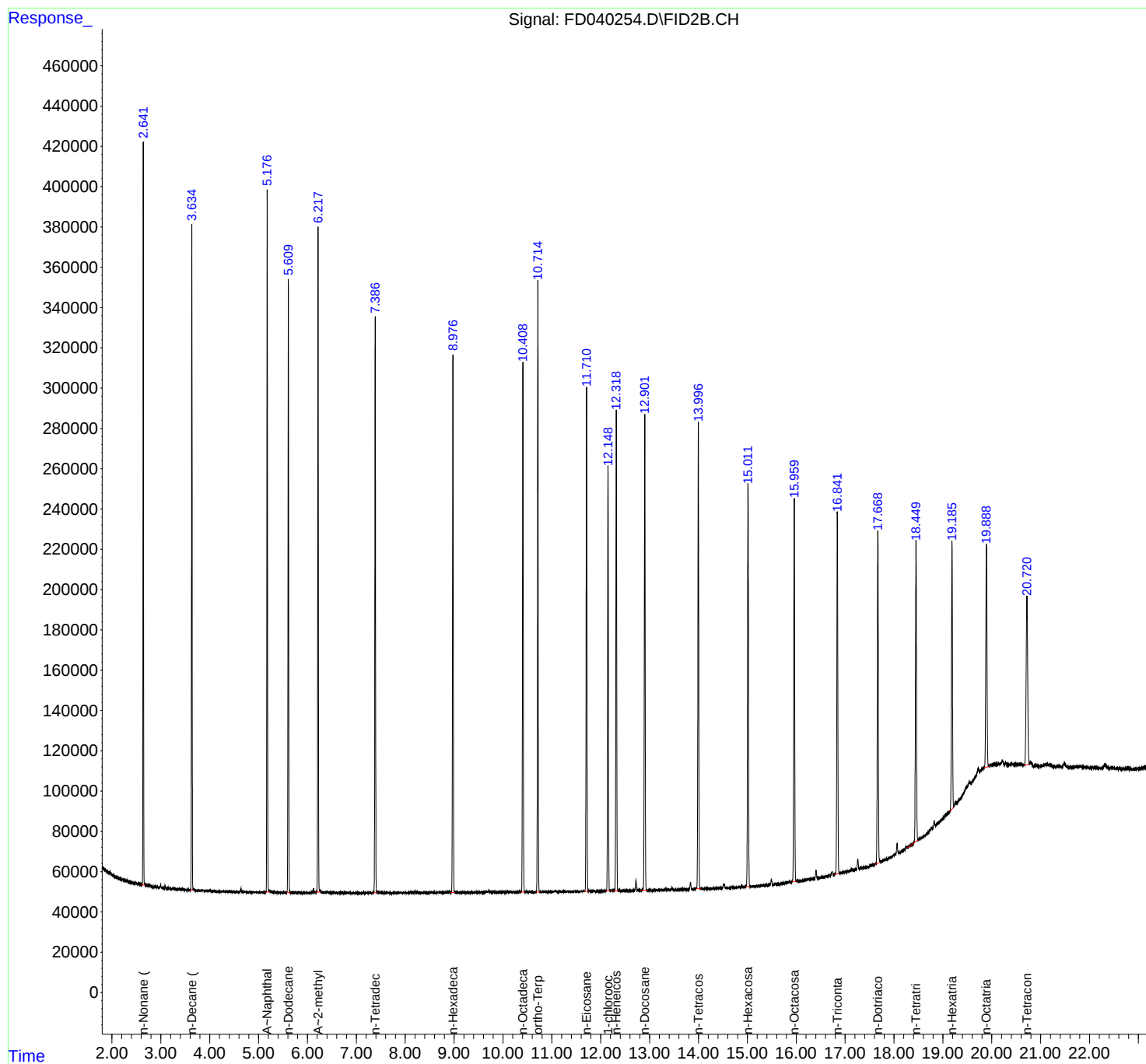
(f)=RT Delta > 1/2 Window

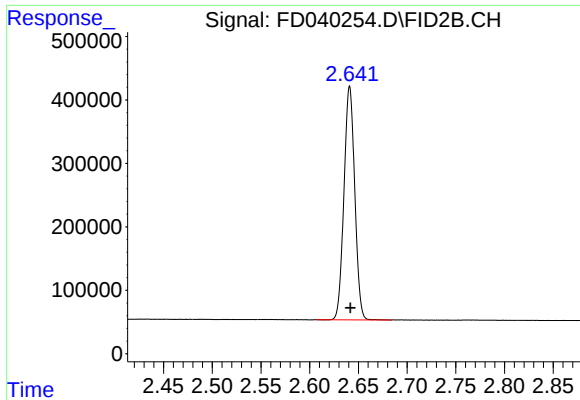
(m)=manual int.

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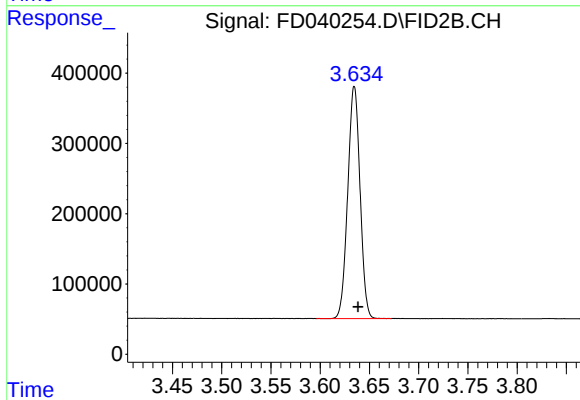
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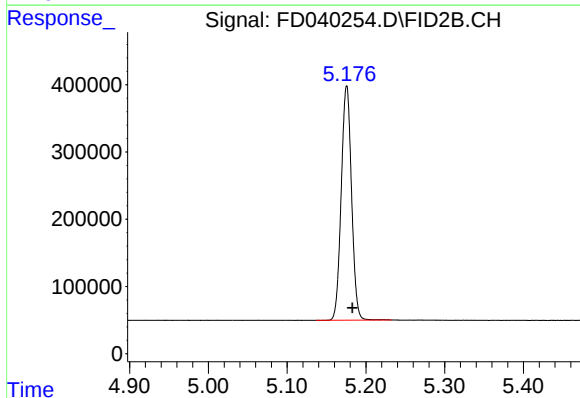
#1 n-Nonane (C9)

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 2838244
Conc: 21.63 ug/ml



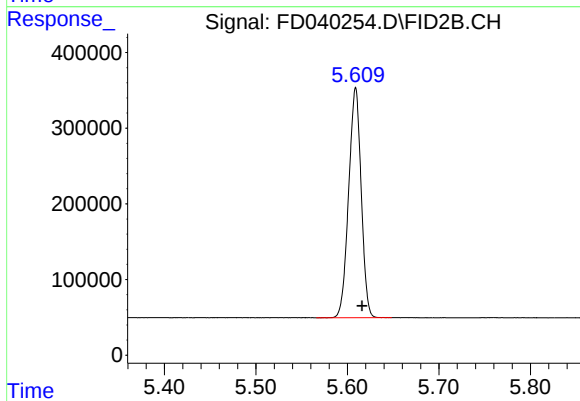
#2 n-Decane (C10)

R.T.: 3.635 min
Delta R.T.: -0.004 min
Response: 2871778
Conc: 21.70 ug/ml



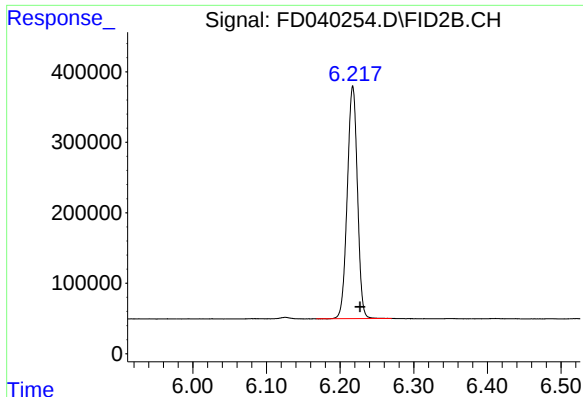
#3 A~Naphthalene (C11.7)

R.T.: 5.176 min
Delta R.T.: -0.007 min
Response: 3167293
Conc: 21.47 ug/ml



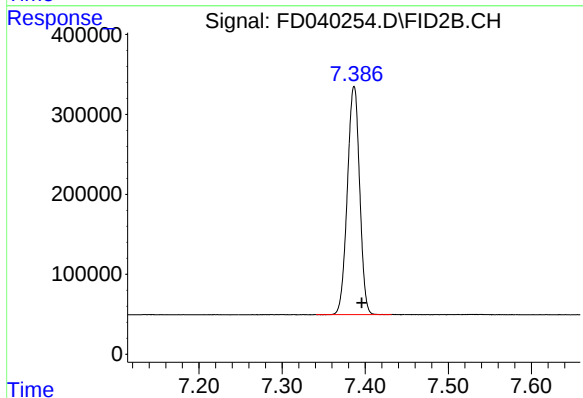
#4 n-Dodecane (C12)

R.T.: 5.609 min
Delta R.T.: -0.007 min
Response: 2888237
Conc: 21.75 ug/ml



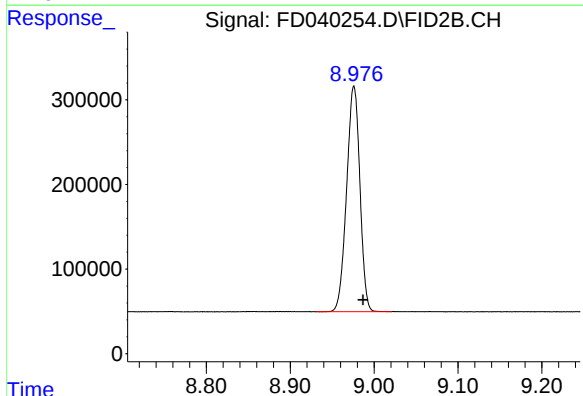
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 3159554
Conc: 21.29 ug/ml



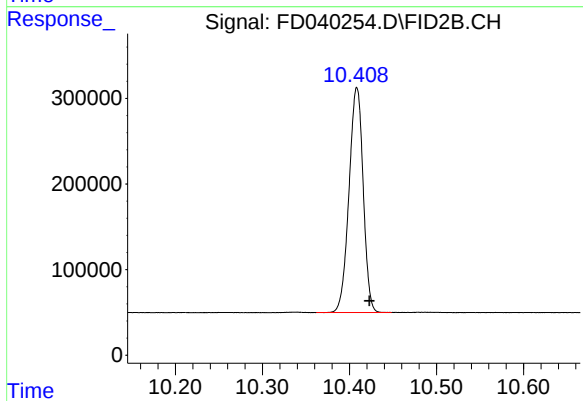
#6 n-Tetradecane (C14)

R.T.: 7.387 min
Delta R.T.: -0.009 min
Response: 2938865
Conc: 21.26 ug/ml



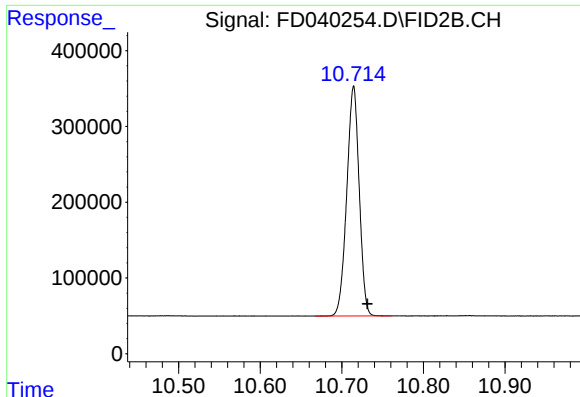
#7 n-Hexadecane (C16)

R.T.: 8.976 min
Delta R.T.: -0.011 min
Response: 2934394
Conc: 21.40 ug/ml



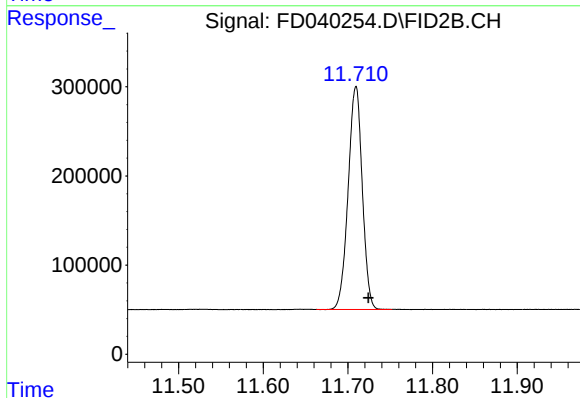
#8 n-Octadecane (C18)

R.T.: 10.409 min
Delta R.T.: -0.014 min
Response: 2972799
Conc: 21.05 ug/ml



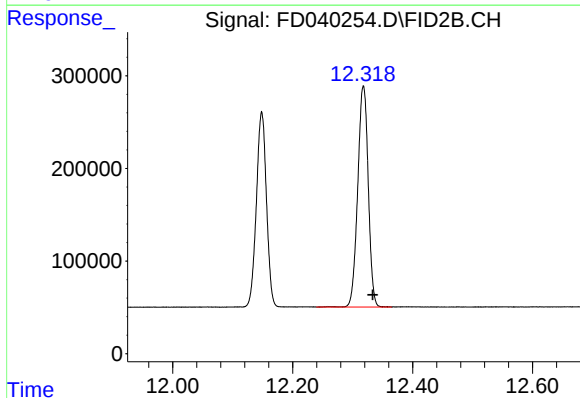
#9 ortho-Terphenyl (SURR)

R.T.: 10.714 min
Delta R.T.: -0.017 min
Response: 3213219
Conc: 20.63 ug/ml



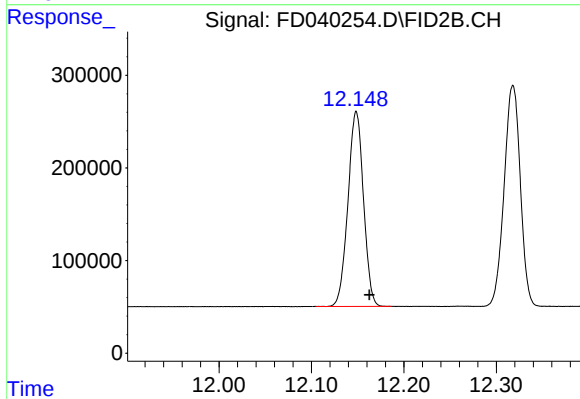
#10 n-Eicosane (C20)

R.T.: 11.710 min
Delta R.T.: -0.015 min
Response: 2901979
Conc: 20.76 ug/ml



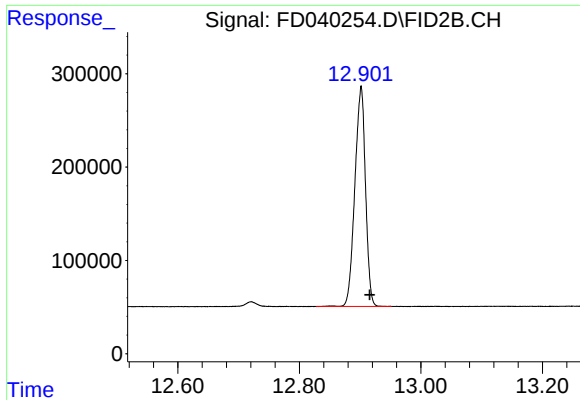
#11 n-Heneicosane (C21)

R.T.: 12.318 min
Delta R.T.: -0.016 min
Response: 2907720
Conc: 20.55 ug/ml



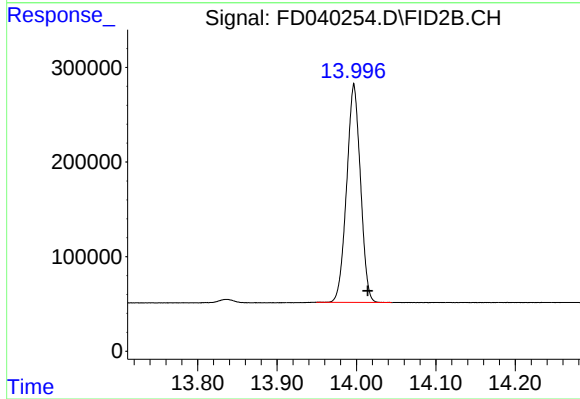
#12 1-chlorooctadecane (SURR)

R.T.: 12.149 min
Delta R.T.: -0.014 min
Response: 2459216
Conc: 20.39 ug/ml



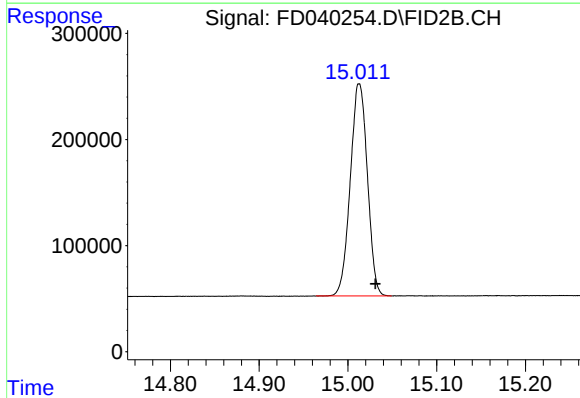
#13 n-Docosane (C22)

R.T.: 12.902 min
Delta R.T.: -0.014 min
Response: 2861525
Conc: 20.39 ug/ml



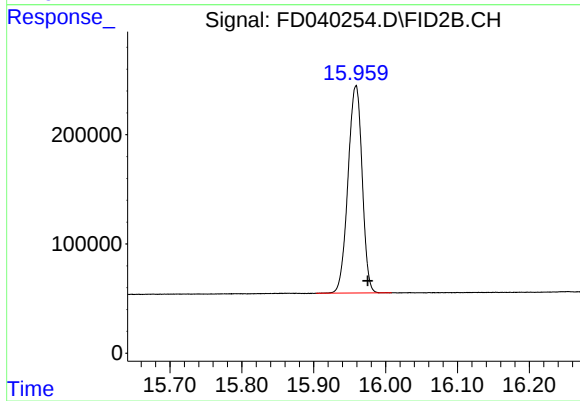
#14 n-Tetracosane (C24)

R.T.: 13.997 min
Delta R.T.: -0.017 min
Response: 2794126
Conc: 19.90 ug/ml



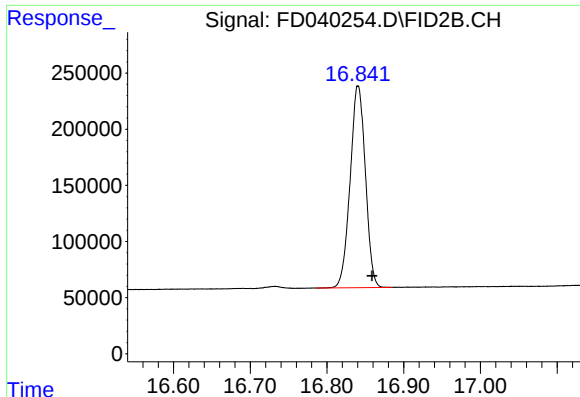
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.018 min
Response: 2678412
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.959 min
Delta R.T.: -0.016 min
Response: 2592559
Conc: 19.06 ug/ml



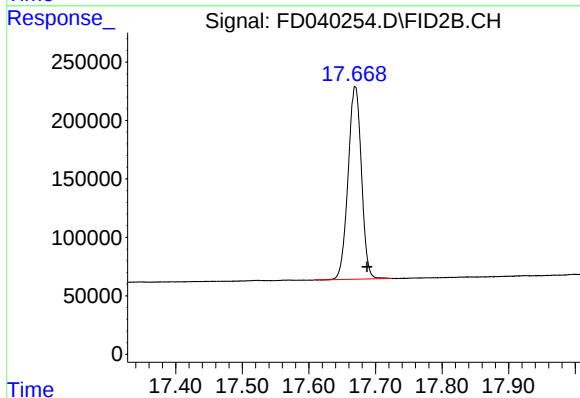
#17 n-Tricontane (C30)

R.T.: 16.841 min

Delta R.T.: -0.018 min

Response: 2483893

Conc: 18.56 ug/ml



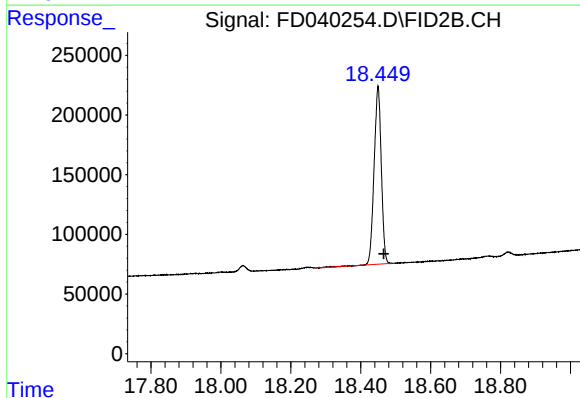
#18 n-Dotriacontane (C32)

R.T.: 17.670 min

Delta R.T.: -0.017 min

Response: 2297014

Conc: 17.75 ug/ml



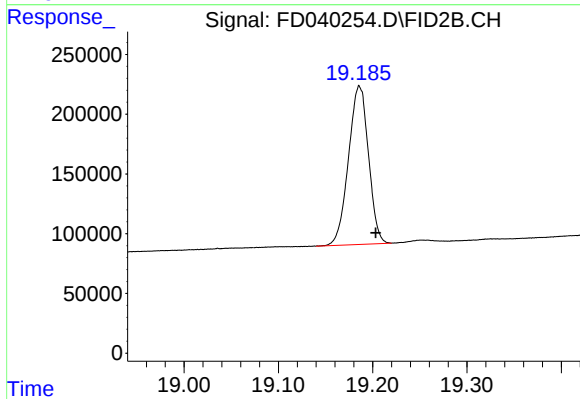
#19 n-Tetratriacontane (C34)

R.T.: 18.450 min

Delta R.T.: -0.017 min

Response: 2129310

Conc: 17.56 ug/ml



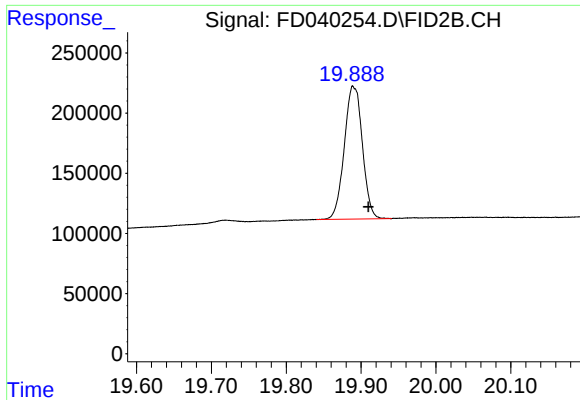
#20 n-Hexatriacontane (C36)

R.T.: 19.186 min

Delta R.T.: -0.017 min

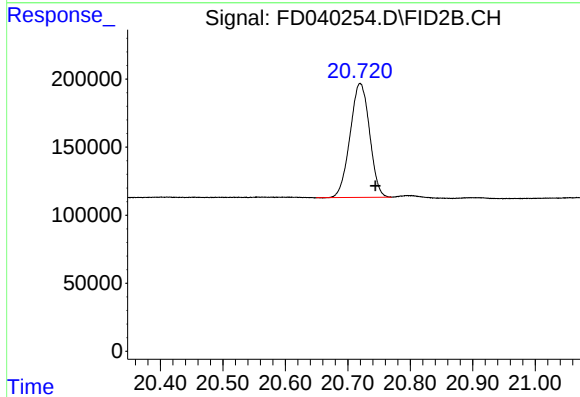
Response: 1953698

Conc: 18.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.889 min
Delta R.T.: -0.020 min
Response: 1857178
Conc: 20.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.720 min
Delta R.T.: -0.024 min
Response: 1815236
Conc: 23.31 ug/ml