

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120720AL\
 Data File : FD035760.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2020 14:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 01:42:26 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)	11.518	2728674	19.538 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	12.951	2152453	19.198 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T n-Nonane (C9)	3.307	2589830	21.634 ug/ml
2) T n-Decane (C10)	4.369	2627905	21.781 ug/ml
3) T A~Naphthalene (C11.7)	5.952	2817480	21.661 ug/ml
4) T n-Dodecane (C12)	6.379	2698411	21.690 ug/ml
5) T A~2-methylnaphthalene...	7.006	2870798	21.602 ug/ml
6) T n-Tetradecane (C14)	8.169	2695821	21.508 ug/ml
7) T n-Hexadecane (C16)	9.763	2622931	21.130 ug/ml
8) T n-Octadecane (C18)	11.201	2673212	20.451 ug/ml
10) T n-Eicosane (C20)	12.506	2616727	19.740 ug/ml
11) T n-Heneicosane (C21)	13.116	2564577	19.390 ug/ml
13) T n-Docosane (C22)	13.700	2514276	19.029 ug/ml
14) T n-Tetracosane (C24)	14.799	2418490	18.425 ug/ml
15) T n-Hexacosane (C26)	15.817	2304522	18.029 ug/ml
16) T n-Octacosane (C28)	16.763	2233774	17.996 ug/ml
17) T n-Tricontane (C30)	17.647	2176176	18.494 ug/ml
18) T n-Dotriacontane (C32)	18.473	2058168	19.499 ug/mlm
19) T n-Tetratriacontane (C34)	19.256	1955537	20.417 ug/mlm
20) T n-Hexatriacontane (C36)	19.992	1869145	21.073 ug/ml
21) T n-Octatriacontane (C38)	20.712	1971664	23.639 ug/mlm
22) T n-Tetracontane (C40)	21.590	1768885	21.010 ug/mlm

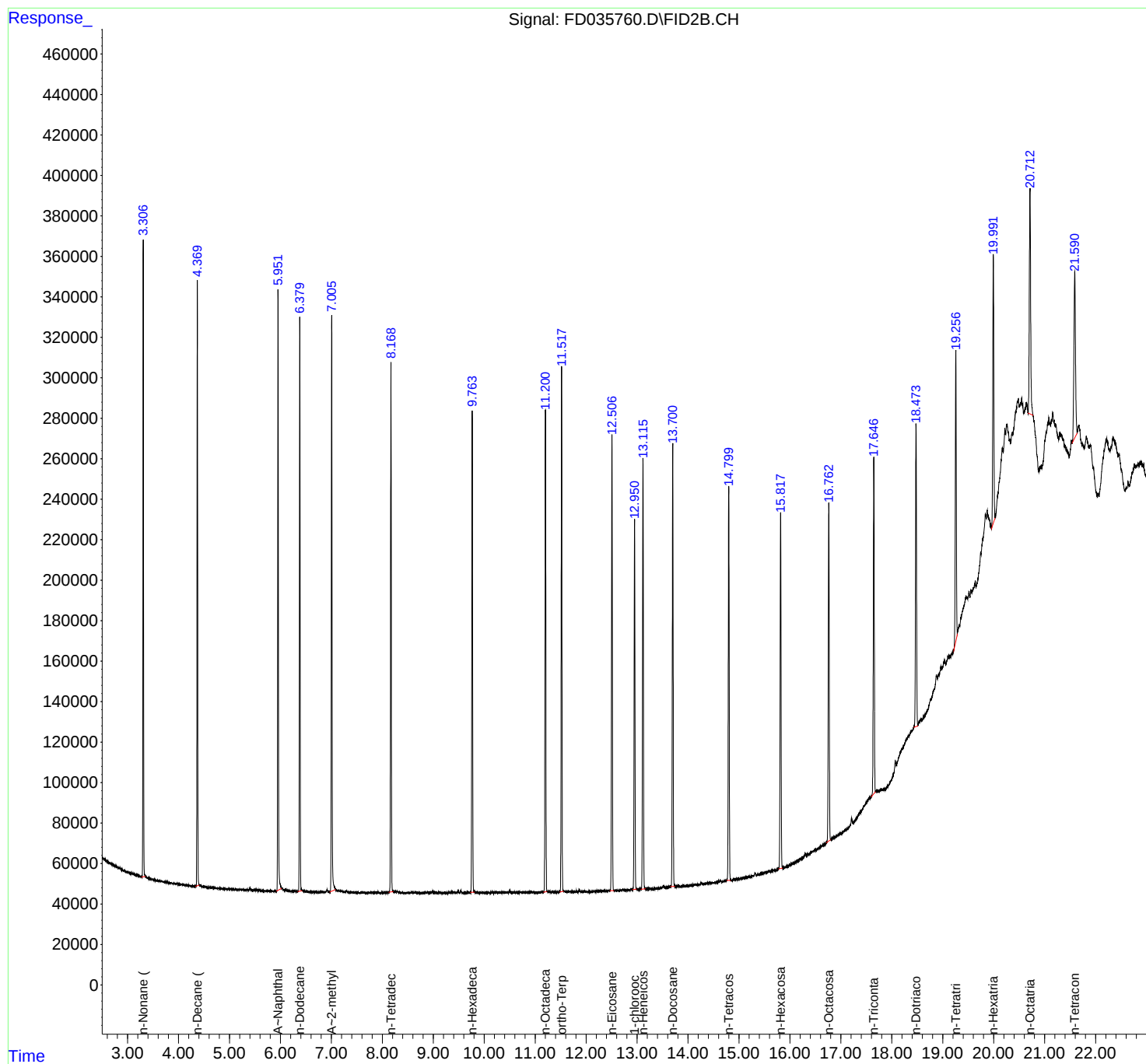
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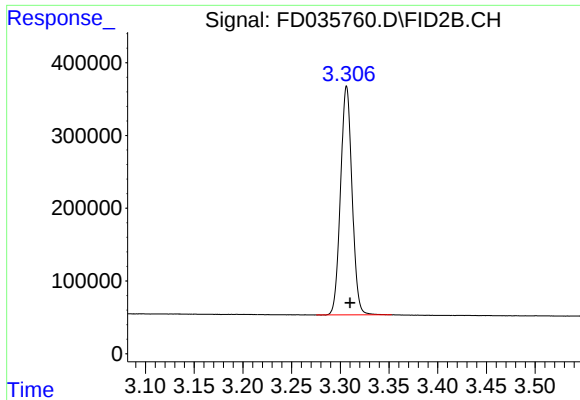
(m)=manual int.

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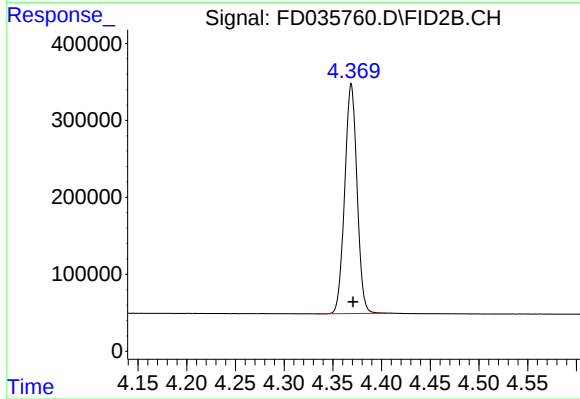
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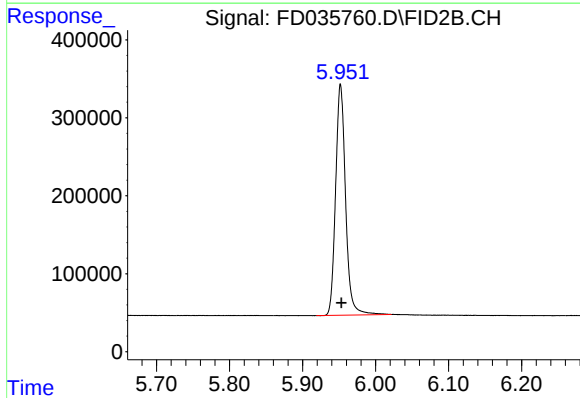
#1 n-Nonane (C9)

R.T.: 3.307 min
Delta R.T.: -0.003 min
Response: 2589830
Conc: 21.63 ug/ml



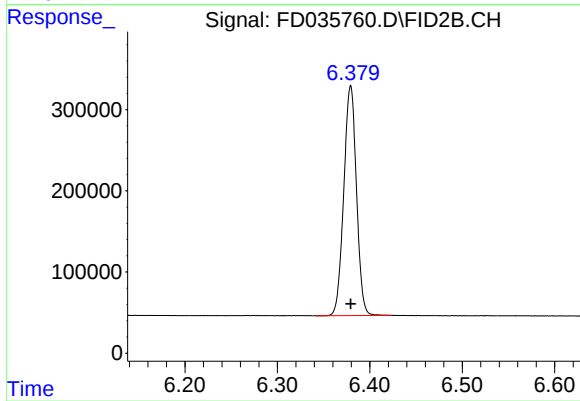
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 2627905
Conc: 21.78 ug/ml



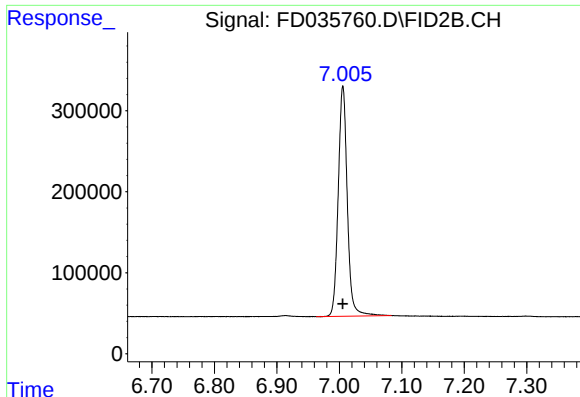
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 2817480
Conc: 21.66 ug/ml



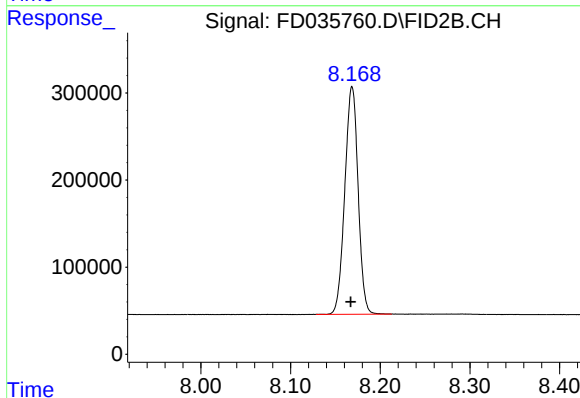
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 2698411
Conc: 21.69 ug/ml



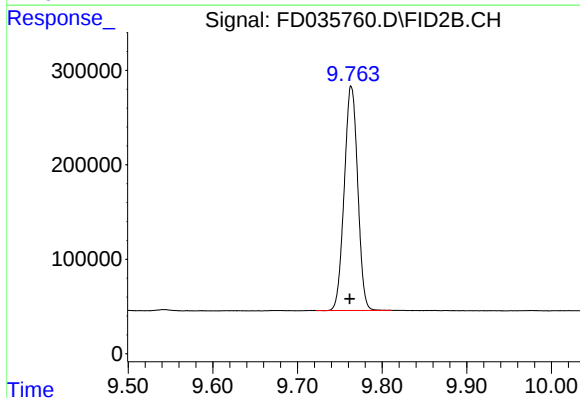
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2870798
Conc: 21.60 ug/ml



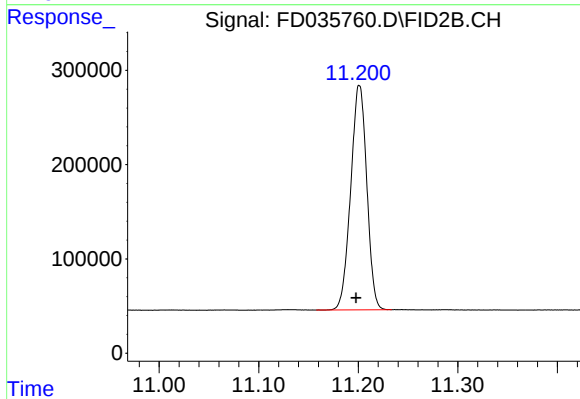
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.002 min
Response: 2695821
Conc: 21.51 ug/ml



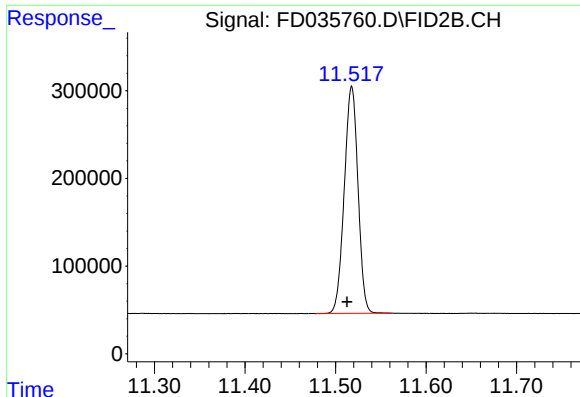
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.002 min
Response: 2622931
Conc: 21.13 ug/ml



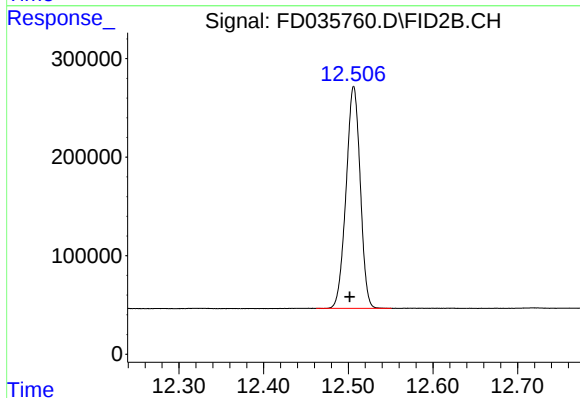
#8 n-Octadecane (C18)

R.T.: 11.201 min
Delta R.T.: 0.003 min
Response: 2673212
Conc: 20.45 ug/ml



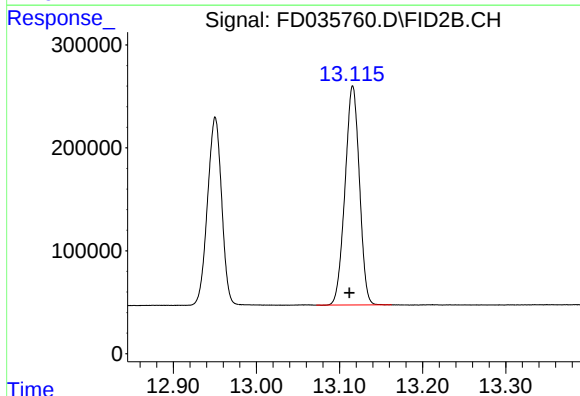
#9 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: 0.005 min
Response: 2728674
Conc: 19.54 ug/ml



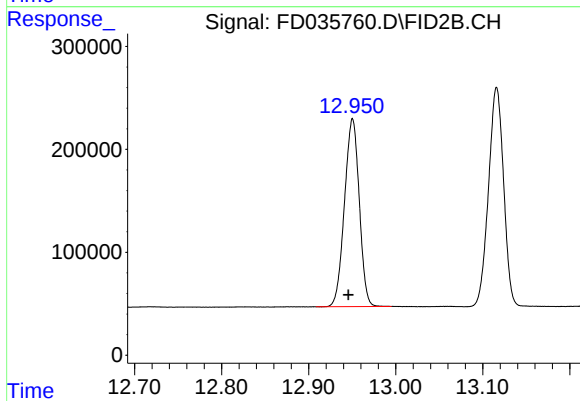
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.005 min
Response: 2616727
Conc: 19.74 ug/ml



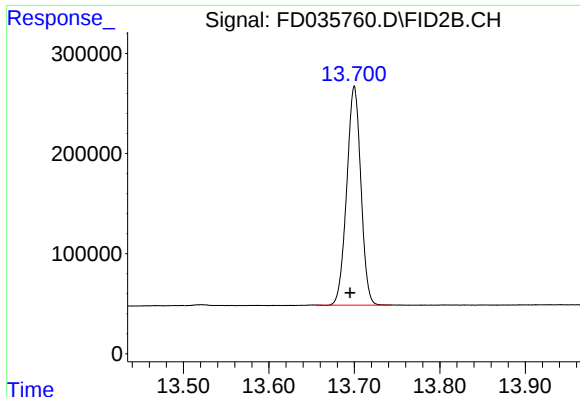
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.004 min
Response: 2564577
Conc: 19.39 ug/ml



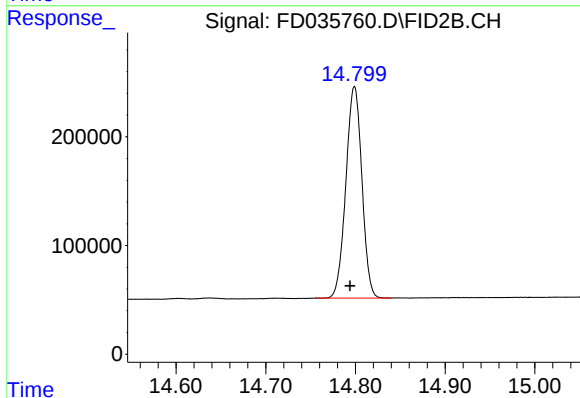
#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.005 min
Response: 2152453
Conc: 19.20 ug/ml



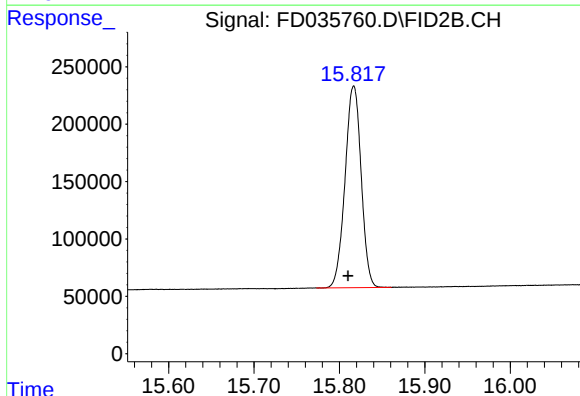
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.005 min
Response: 2514276
Conc: 19.03 ug/ml



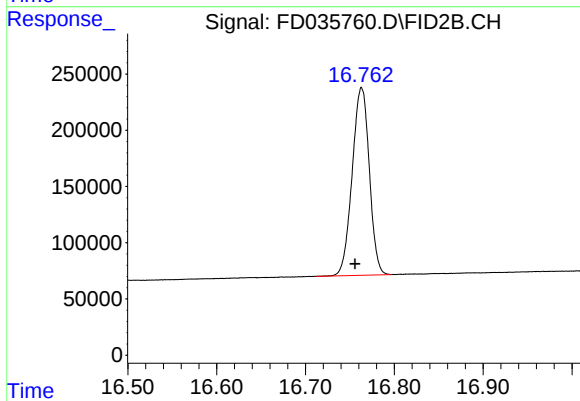
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.005 min
Response: 2418490
Conc: 18.43 ug/ml



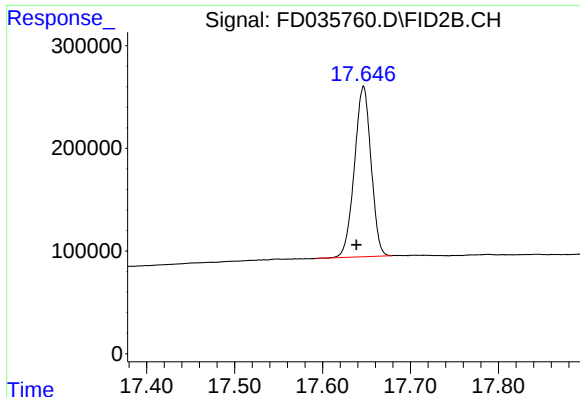
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.007 min
Response: 2304522
Conc: 18.03 ug/ml



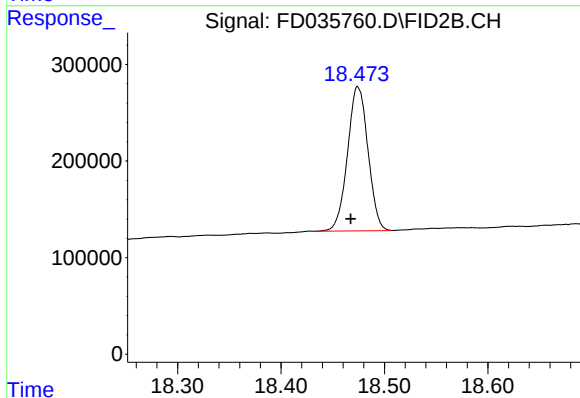
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.007 min
Response: 2233774
Conc: 18.00 ug/ml



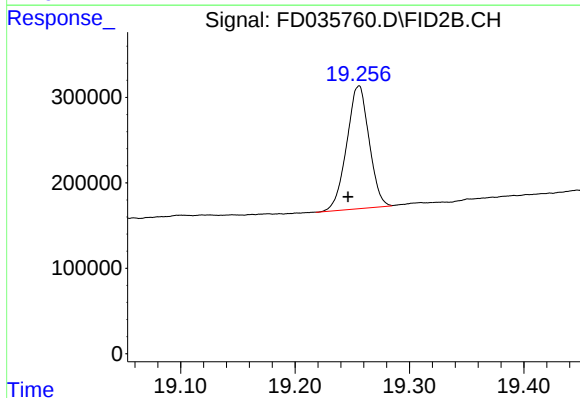
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.008 min
Response: 2176176
Conc: 18.49 ug/ml



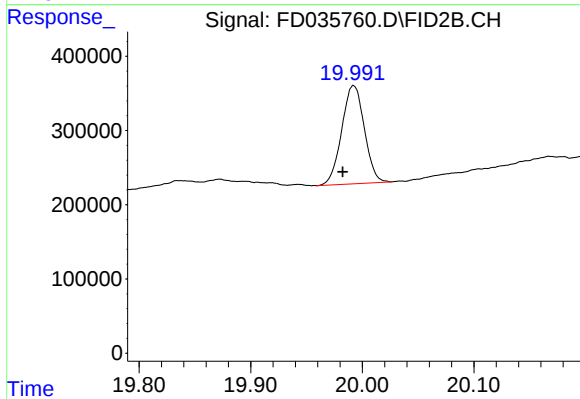
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.006 min
Response: 2058168
Conc: 19.50 ug/ml m



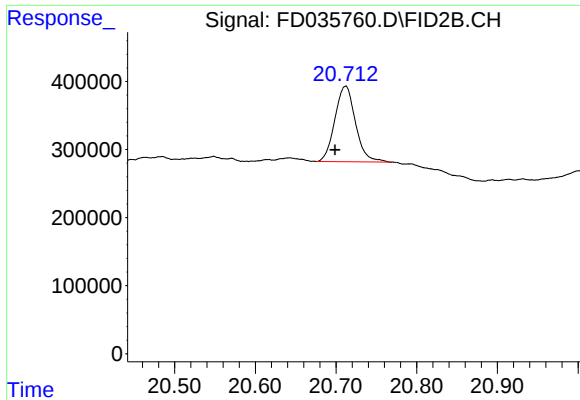
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.009 min
Response: 1955537
Conc: 20.42 ug/ml m



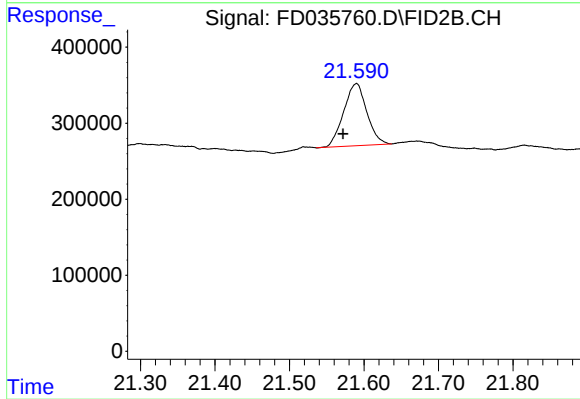
#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: 0.010 min
Response: 1869145
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: 0.013 min
Response: 1971664
Conc: 23.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.018 min
Response: 1768885
Conc: 21.01 ug/ml m