

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AL\
 Data File : FD040729.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 17:03
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 21 22:40:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.608	2584974	16.765 ug/ml
Spiked Amount 50.000		Recovery =	33.53%
12) S 1-chlorooctadecane (S...	12.047	1945306	16.527 ug/ml
Spiked Amount 50.000		Recovery =	33.05%
Target Compounds			
1) T n-Nonane (C9)	2.564	2244889	17.486 ug/ml
2) T n-Decane (C10)	3.548	2287015	17.761 ug/ml
3) T A~Naphthalene (C11.7)	5.077	2535260	17.845 ug/ml
4) T n-Dodecane (C12)	5.515	2311403	18.084 ug/ml
5) T A~2-methylnaphthalene...	6.117	2535777	17.975 ug/ml
6) T n-Tetradecane (C14)	7.291	2376614	18.347 ug/ml
7) T n-Hexadecane (C16)	8.879	2388214	18.331 ug/ml
8) T n-Octadecane (C18)	10.310	2422073	17.875 ug/ml
10) T n-Eicosane (C20)	11.610	2379181	17.491 ug/ml
11) T n-Heneicosane (C21)	12.218	2316720	16.730 ug/ml
13) T n-Docosane (C22)	12.799	2458396	17.829 ug/ml
14) T n-Tetracosane (C24)	13.895	2698670	19.300 ug/ml
15) T n-Hexacosane (C26)	14.910	2798128	20.299 ug/ml
16) T n-Octacosane (C28)	15.856	2940600	21.672 ug/ml
17) T n-Tricontane (C30)	16.739	3138146	24.077 ug/ml
18) T n-Dotriacontane (C32)	17.565	2911152	24.352 ug/ml
19) T n-Tetratriacontane (C34)	18.344	2504822	23.789 ug/ml
20) T n-Hexatriacontane (C36)	19.080	2029990	20.033 ug/ml
21) T n-Octatriacontane (C38)	19.778	1802590	20.176 ug/ml
22) T n-Tetracontane (C40)	20.573	1748122	20.450 ug/mlm

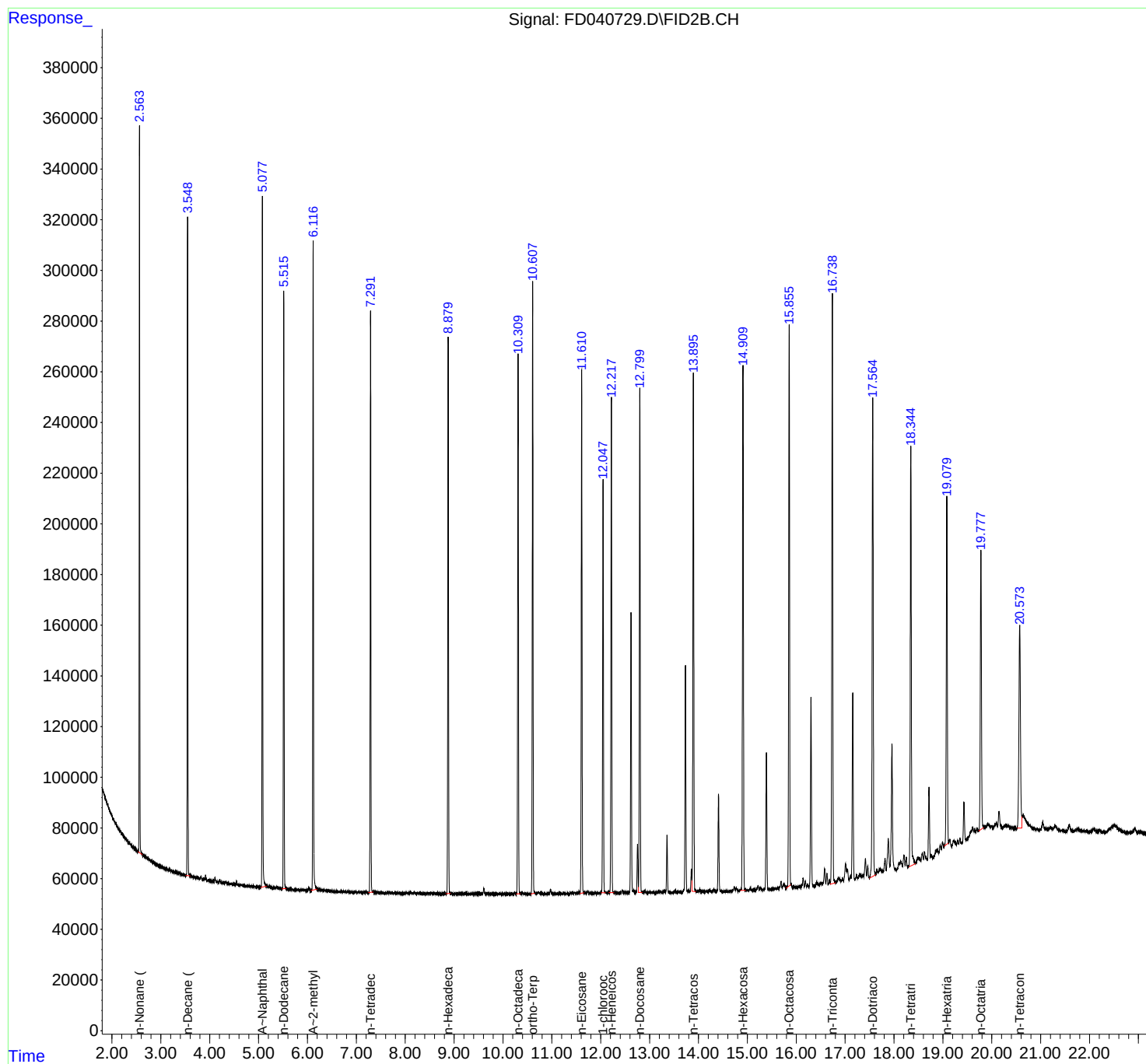
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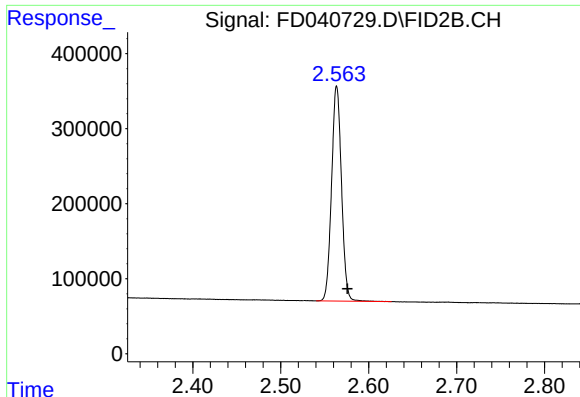
(m)=manual int.

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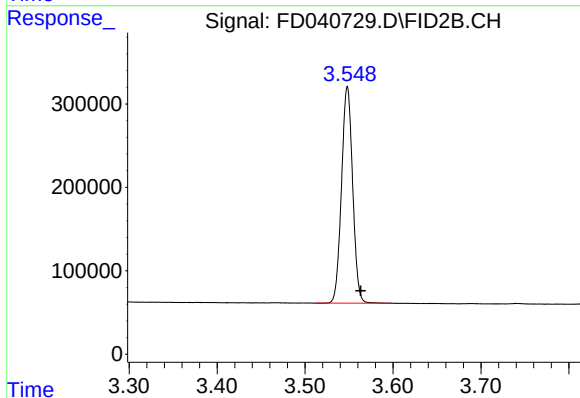
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Signal Info : 20M x 0.18mm x 0.18um





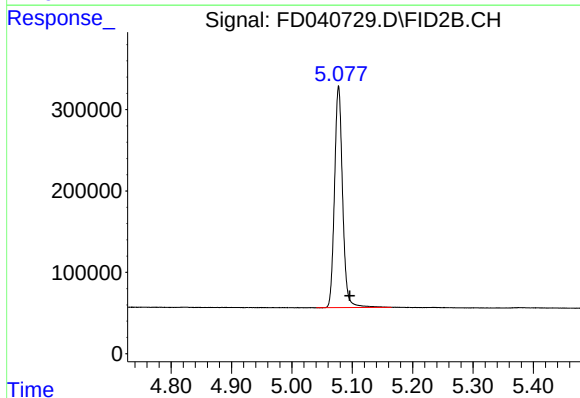
#1 n-Nonane (C9)

R.T.: 2.564 min
Delta R.T.: -0.012 min
Response: 2244889
Conc: 17.49 ug/ml



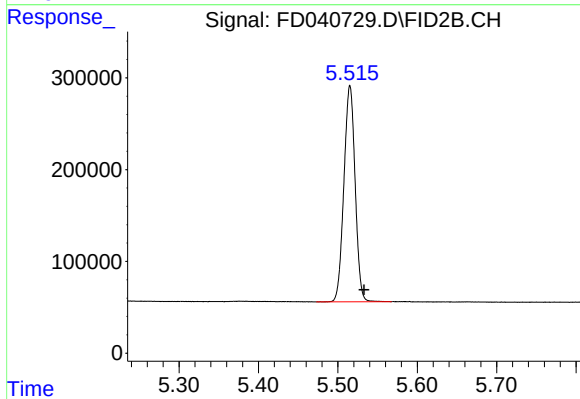
#2 n-Decane (C10)

R.T.: 3.548 min
Delta R.T.: -0.015 min
Response: 2287015
Conc: 17.76 ug/ml



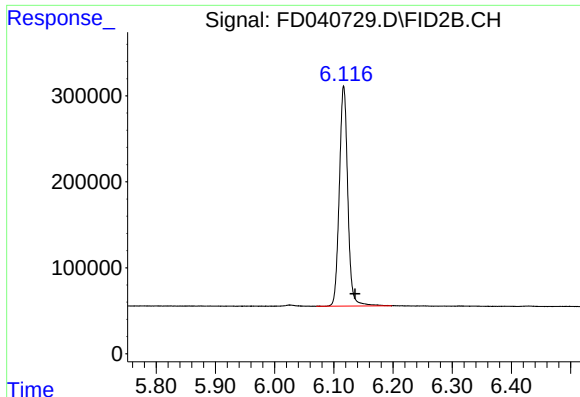
#3 A~Naphthalene (C11.7)

R.T.: 5.077 min
Delta R.T.: -0.019 min
Response: 2535260
Conc: 17.84 ug/ml



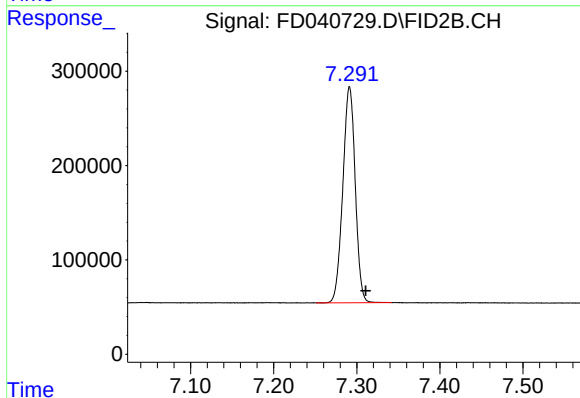
#4 n-Dodecane (C12)

R.T.: 5.515 min
Delta R.T.: -0.018 min
Response: 2311403
Conc: 18.08 ug/ml



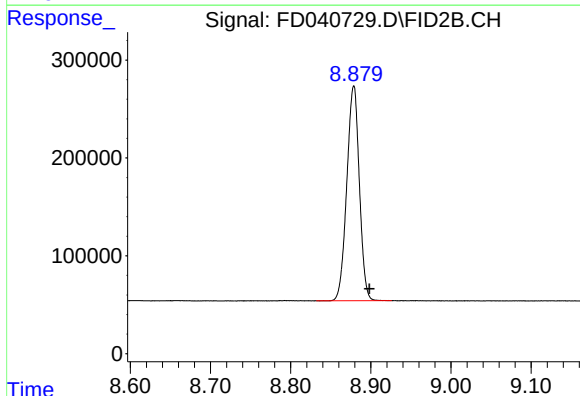
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.019 min
Response: 2535777
Conc: 17.97 ug/ml



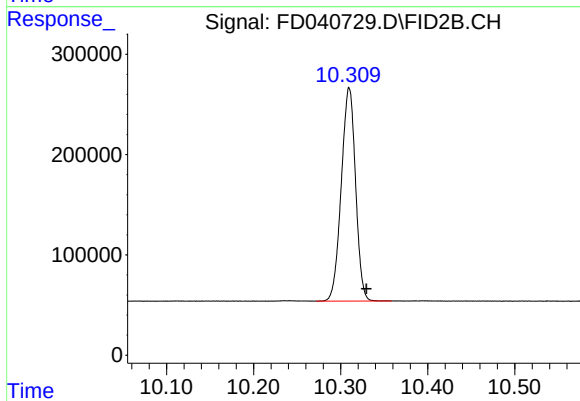
#6 n-Tetradecane (C14)

R.T.: 7.291 min
Delta R.T.: -0.019 min
Response: 2376614
Conc: 18.35 ug/ml



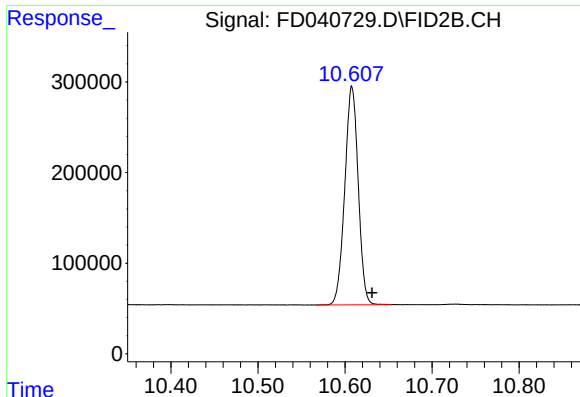
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.020 min
Response: 2388214
Conc: 18.33 ug/ml



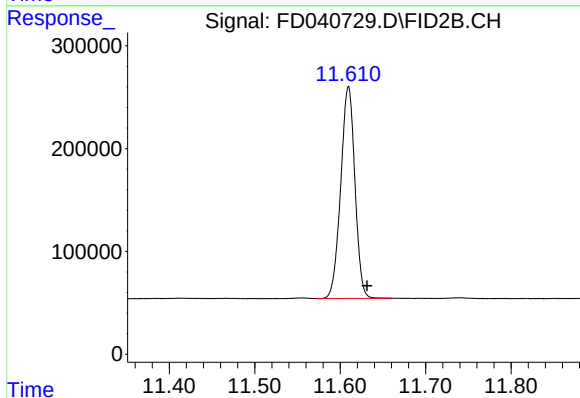
#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: -0.020 min
Response: 2422073
Conc: 17.87 ug/ml



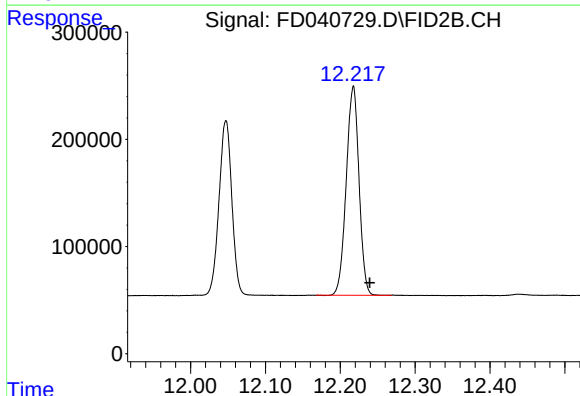
#9 ortho-Terphenyl (SURR)

R.T.: 10.608 min
Delta R.T.: -0.023 min
Response: 2584974
Conc: 16.77 ug/ml



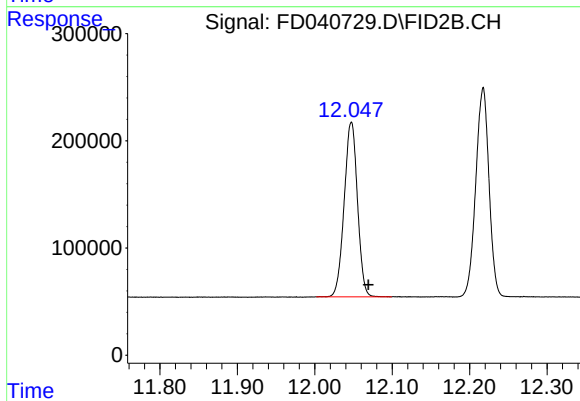
#10 n-Eicosane (C20)

R.T.: 11.610 min
Delta R.T.: -0.022 min
Response: 2379181
Conc: 17.49 ug/ml



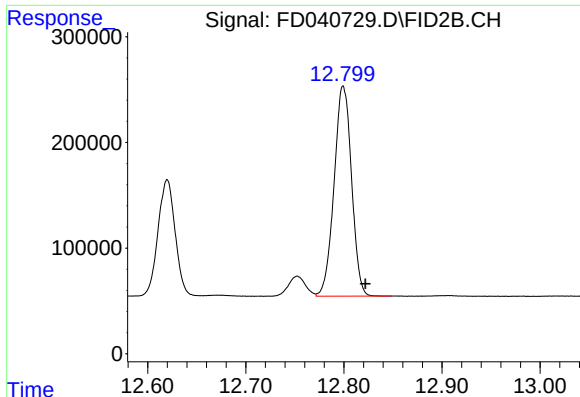
#11 n-Heneicosane (C21)

R.T.: 12.218 min
Delta R.T.: -0.022 min
Response: 2316720
Conc: 16.73 ug/ml



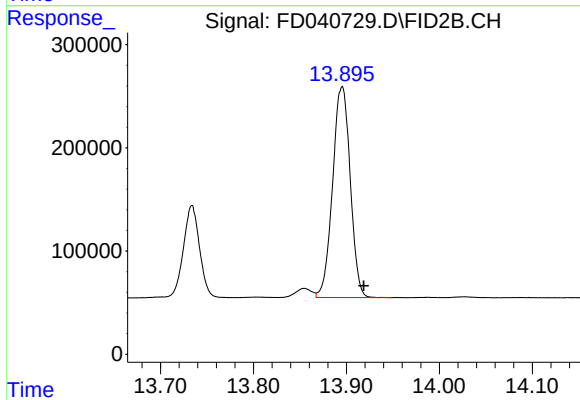
#12 1-chlorooctadecane (SURR)

R.T.: 12.047 min
Delta R.T.: -0.022 min
Response: 1945306
Conc: 16.53 ug/ml



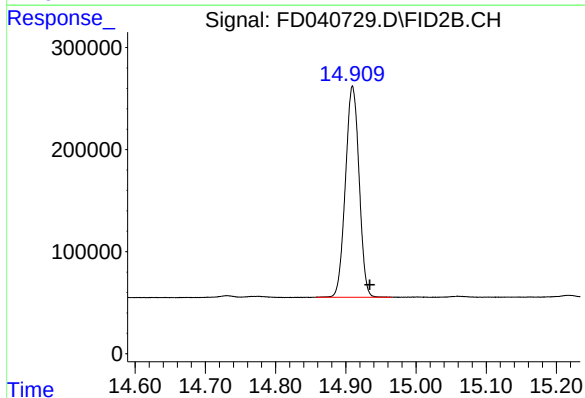
#13 n-Docosane (C22)

R.T.: 12.799 min
Delta R.T.: -0.023 min
Response: 2458396
Conc: 17.83 ug/ml



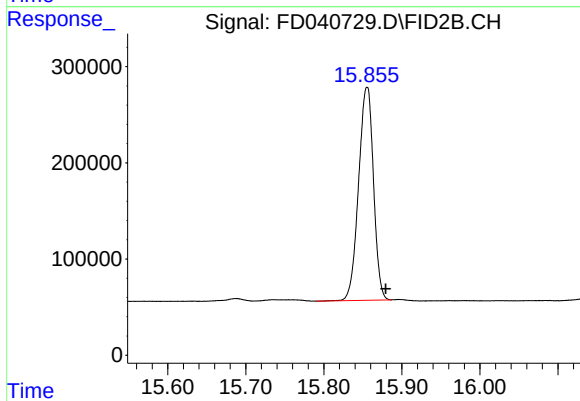
#14 n-Tetracosane (C24)

R.T.: 13.895 min
Delta R.T.: -0.023 min
Response: 2698670
Conc: 19.30 ug/ml



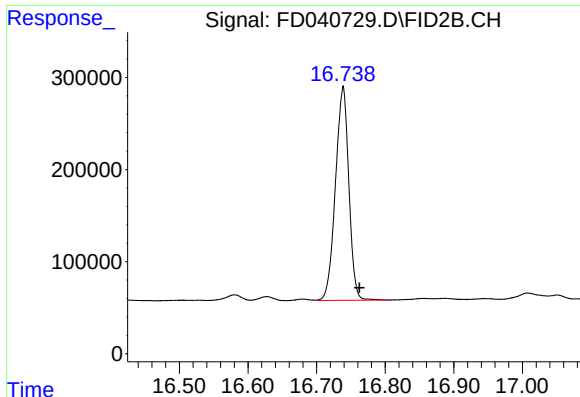
#15 n-Hexacosane (C26)

R.T.: 14.910 min
Delta R.T.: -0.024 min
Response: 2798128
Conc: 20.30 ug/ml



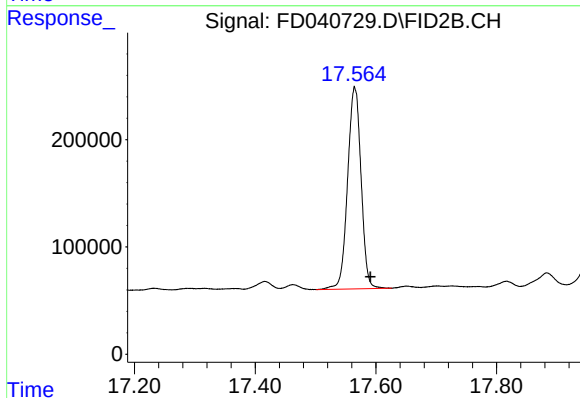
#16 n-Octacosane (C28)

R.T.: 15.856 min
Delta R.T.: -0.024 min
Response: 2940600
Conc: 21.67 ug/ml



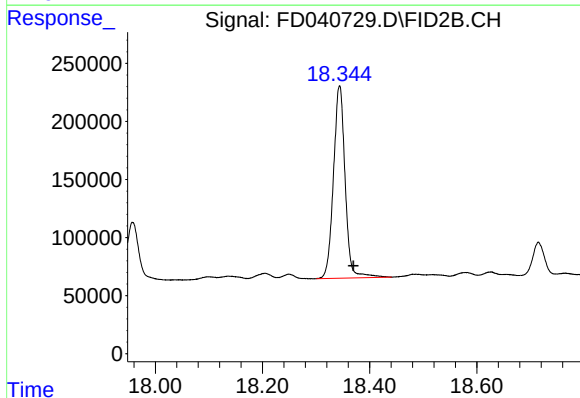
#17 n-Tricontane (C30)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 3138146
Conc: 24.08 ug/ml



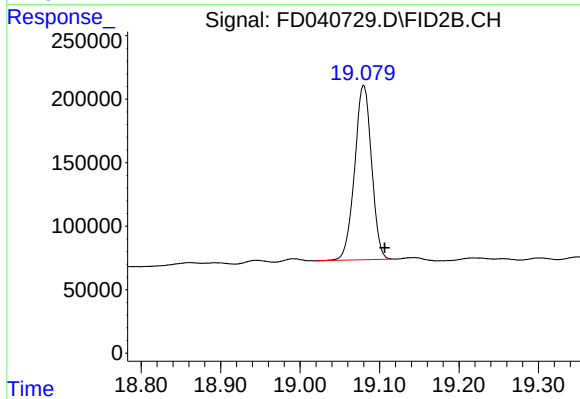
#18 n-Dotriacontane (C32)

R.T.: 17.565 min
Delta R.T.: -0.026 min
Response: 2911152
Conc: 24.35 ug/ml



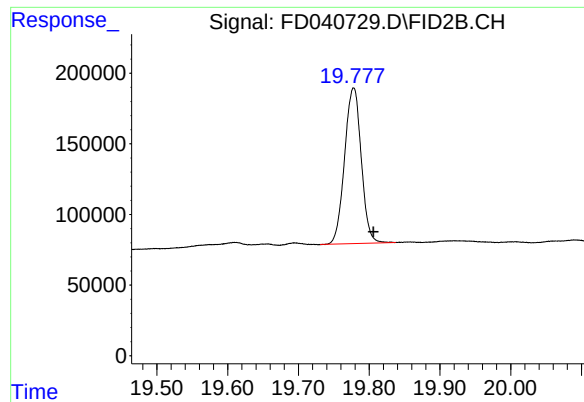
#19 n-Tetratriacontane (C34)

R.T.: 18.344 min
Delta R.T.: -0.026 min
Response: 2504822
Conc: 23.79 ug/ml



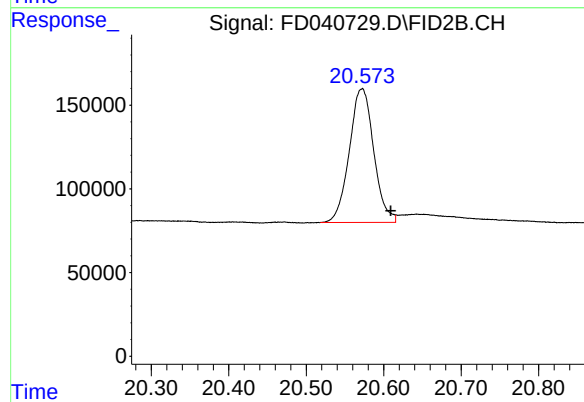
#20 n-Hexatriacontane (C36)

R.T.: 19.080 min
Delta R.T.: -0.026 min
Response: 2029990
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.778 min
Delta R.T.: -0.028 min
Response: 1802590
Conc: 20.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.573 min
Delta R.T.: -0.036 min
Response: 1748122
Conc: 20.45 ug/ml m