

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD091718AL\
 Data File : FD025587.D
 Signal(s) : FID2B.CH
 Acq On : 17 Sep 2018 19:03
 Operator : AJ\SJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 18 07:17:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 091718.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 18 07:14:31 2018
 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)	11.332	3910000	47.454 ug/ml
Spiked Amount 50.000		Recovery =	94.91%
12) S 1-chlorooctadecane (S...	12.774	2823488	42.346 ug/ml
Spiked Amount 50.000		Recovery =	84.69%
Target Compounds			
1) T n-Nonane (C9)	3.139	3278185	49.067 ug/ml
2) T n-Decane (C10)	4.203	3276586	48.777 ug/ml
3) T A-Naphthalene (C11.7)	5.768	3836793	49.638 ug/ml
4) T n-Dodecane (C12)	6.217	3210295	47.986 ug/ml
5) T A-2-methylnaphthalene...	6.820	3824769	49.513 ug/ml
6) T n-Tetradecane (C14)	8.003	3230765	47.500 ug/ml
7) T n-Hexadecane (C16)	9.596	3240928	46.248 ug/ml
8) T n-Octadecane (C18)	11.031	3257600	44.511 ug/ml
10) T n-Eicosane (C20)	12.335	3228951	42.739 ug/ml
11) T n-Heneicosane (C21)	12.944	3160954	41.711 ug/ml
13) T n-Docosane (C22)	13.527	3111737	40.816 ug/ml
14) T n-Tetracosane (C24)	14.625	3009800	38.949 ug/ml
15) T n-Hexacosane (C26)	15.640	2862202	36.690 ug/ml
16) T n-Octacosane (C28)	16.585	2815629	33.236 ug/ml
17) T n-Tricontane (C30)	17.468	2870975	29.232 ug/ml
18) T n-Dotriacontane (C32)	18.297	2794205	30.429 ug/ml
19) T n-Tetratriacontane (C34)	19.075	2720660	33.021 ug/ml
20) T n-Hexatriacontane (C36)	19.811	2608520	33.177 ug/ml
21) T n-Octatriacontane (C38)	20.511	2532589	32.507 ug/ml
22) T n-Tetracontane (C40)	21.319	2523529	32.179 ug/ml

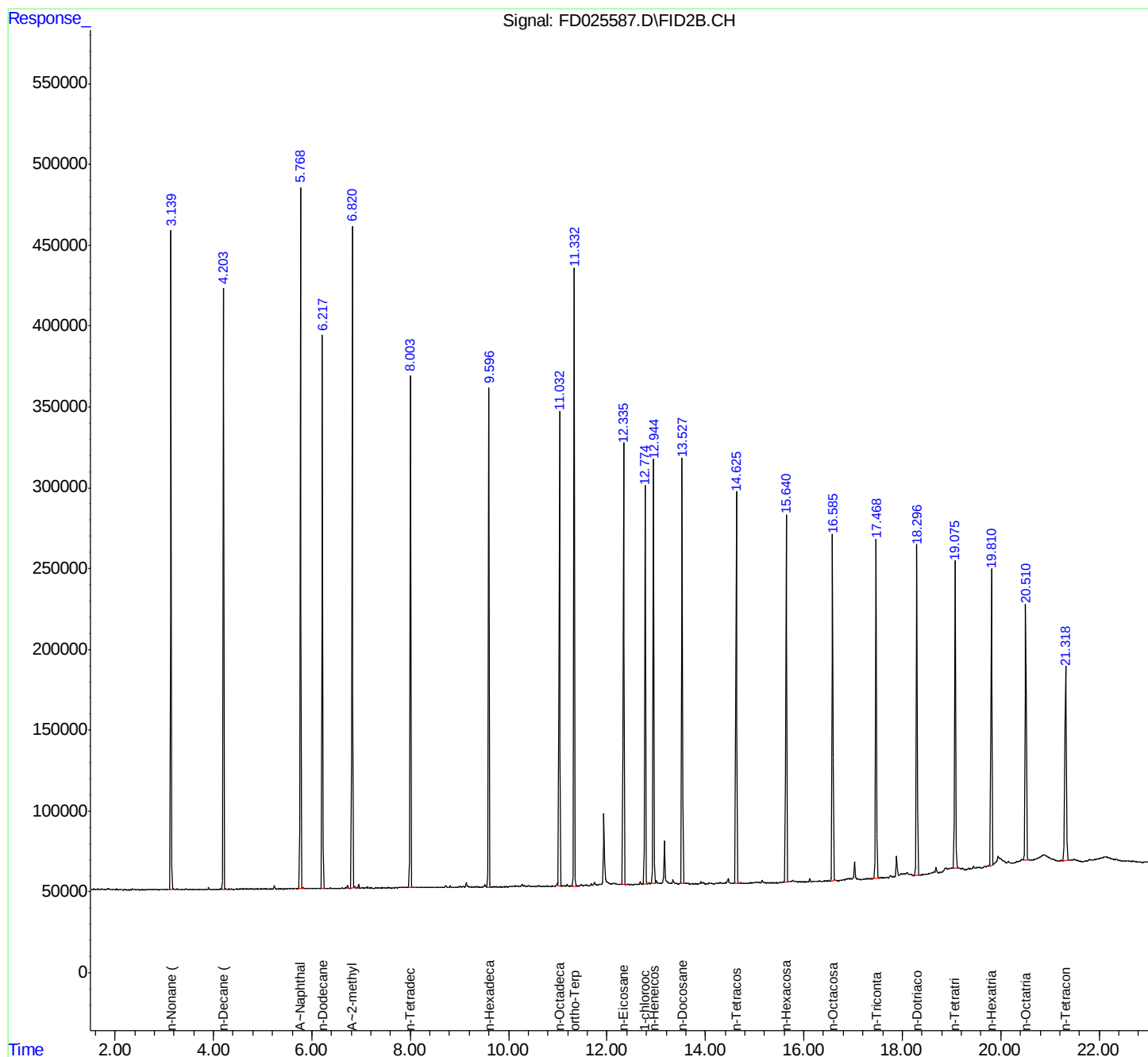
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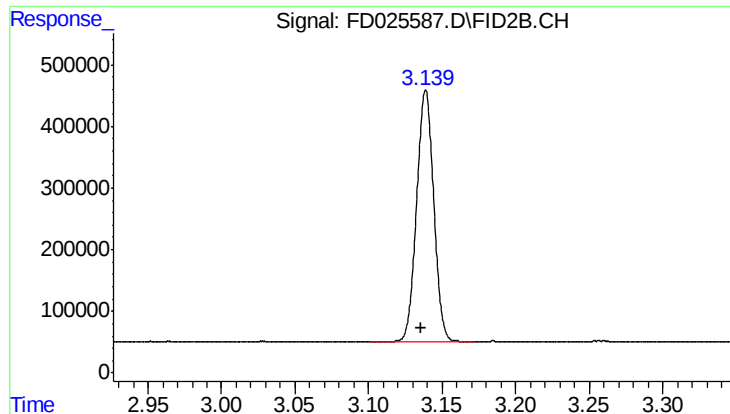
(m)=manual int.

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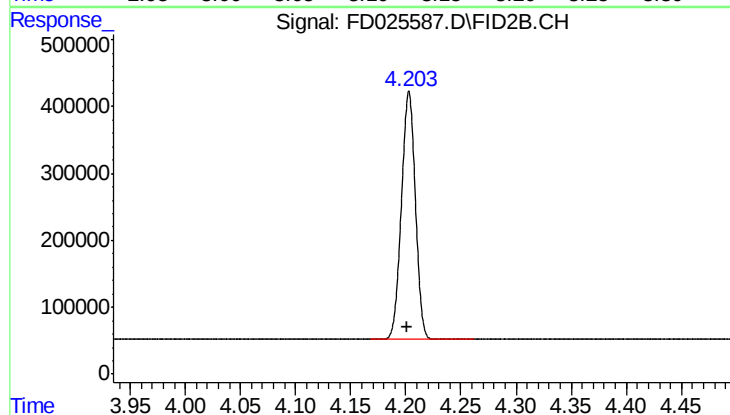
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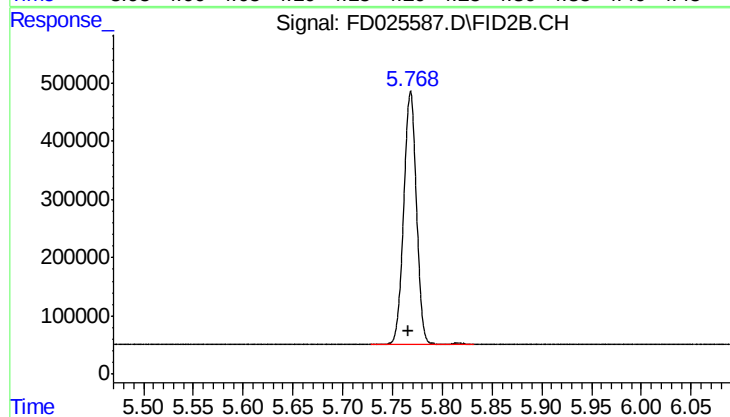
#1 n-Nonane (C9)

R.T.: 3.139 min
Delta R.T.: 0.003 min
Response: 3278185
Conc: 49.07 ug/ml



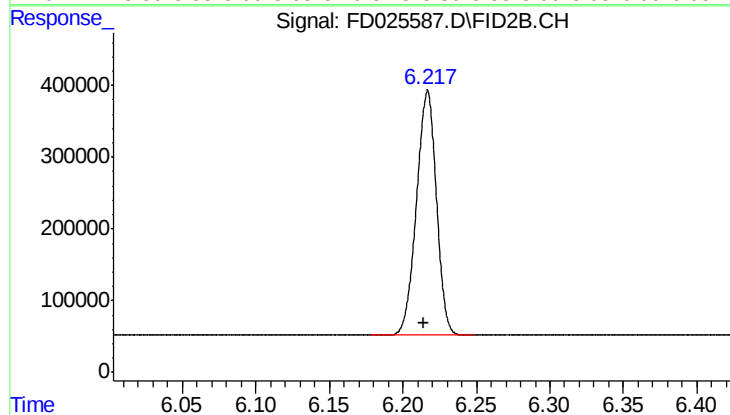
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: 0.002 min
Response: 3276586
Conc: 48.78 ug/ml



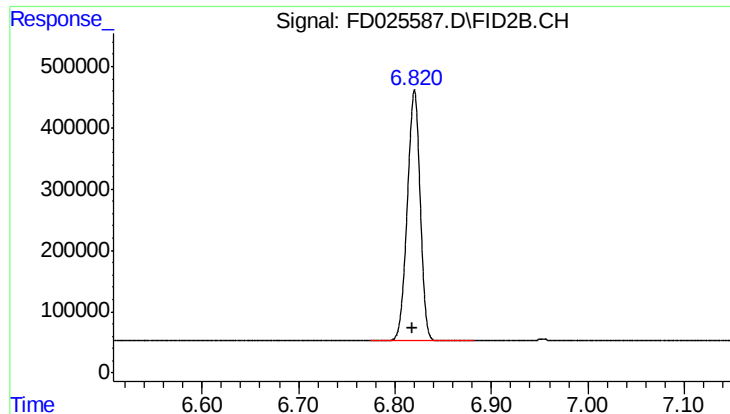
#3 A-Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: 0.002 min
Response: 3836793
Conc: 49.64 ug/ml



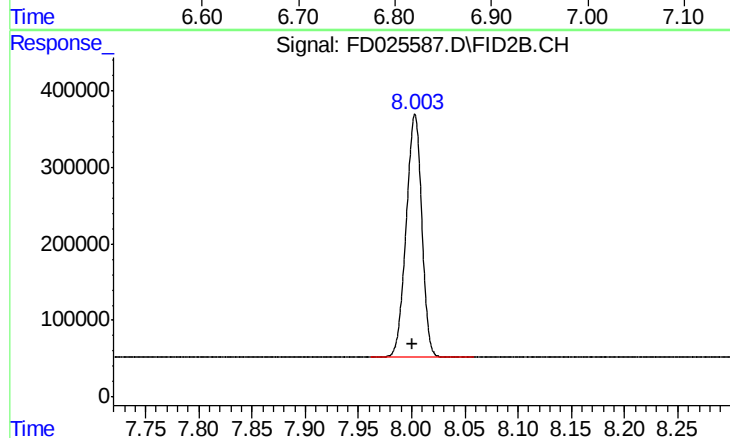
#4 n-Dodecane (C12)

R.T.: 6.217 min
Delta R.T.: 0.002 min
Response: 3210295
Conc: 47.99 ug/ml



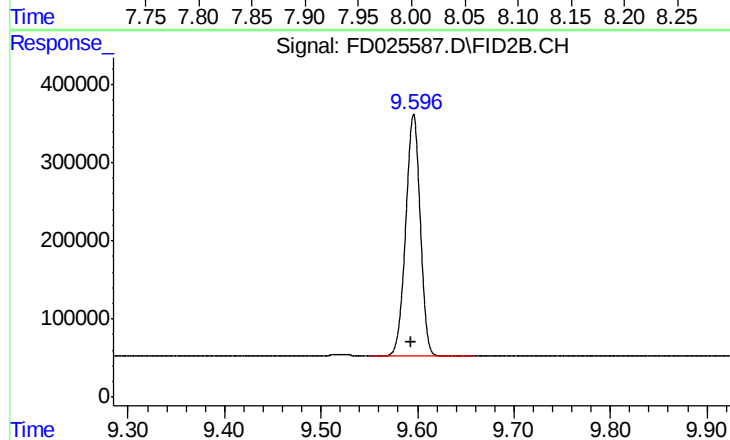
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.820 min
Delta R.T.: 0.002 min
Response: 3824769
Conc: 49.51 ug/ml



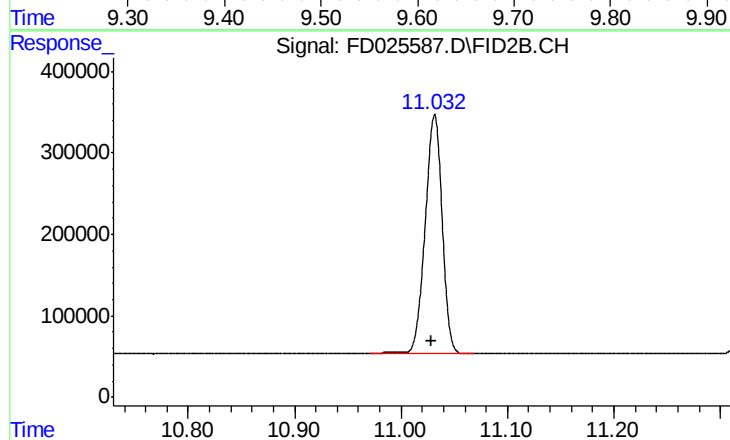
#6 n-Tetradecane (C14)

R.T.: 8.003 min
Delta R.T.: 0.002 min
Response: 3230765
Conc: 47.50 ug/ml



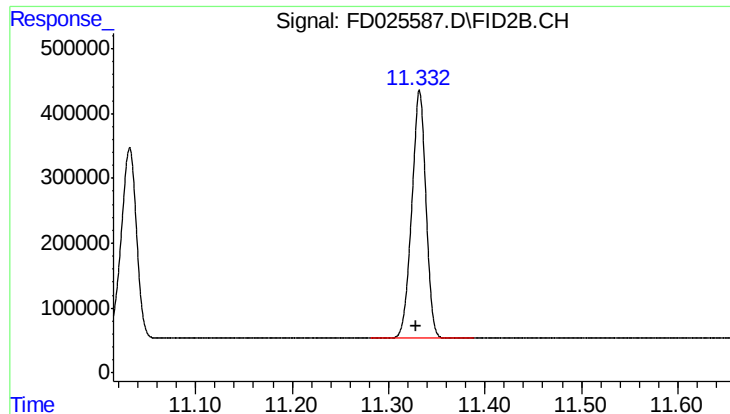
#7 n-Hexadecane (C16)

R.T.: 9.596 min
Delta R.T.: 0.002 min
Response: 3240928
Conc: 46.25 ug/ml



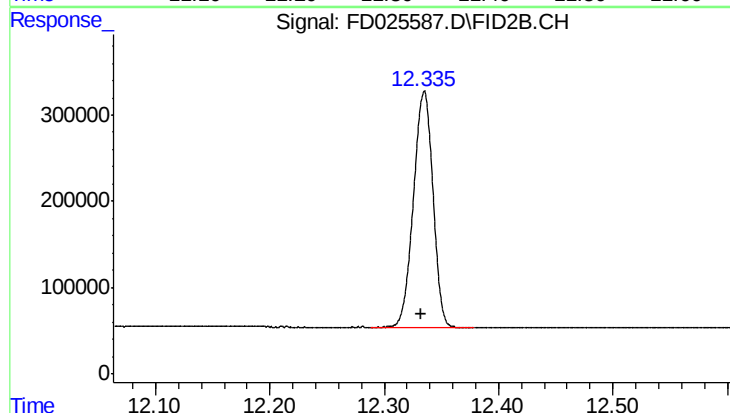
#8 n-Octadecane (C18)

R.T.: 11.031 min
Delta R.T.: 0.003 min
Response: 3257600
Conc: 44.51 ug/ml



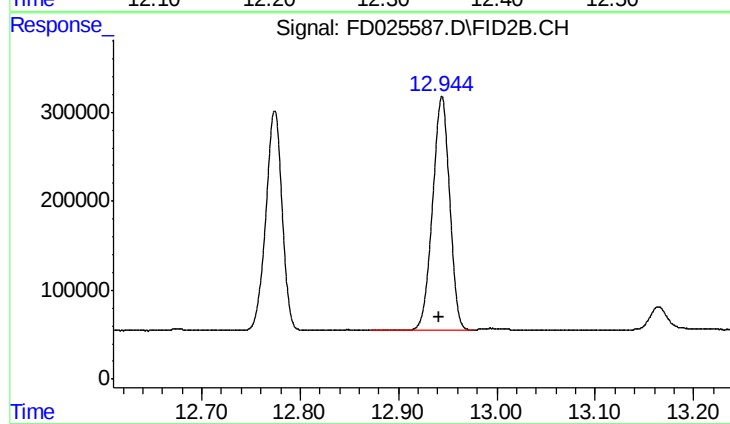
#9 ortho-Terphenyl (SURR)

R.T.: 11.332 min
Delta R.T.: 0.003 min
Response: 3910000
Conc: 47.45 ug/ml



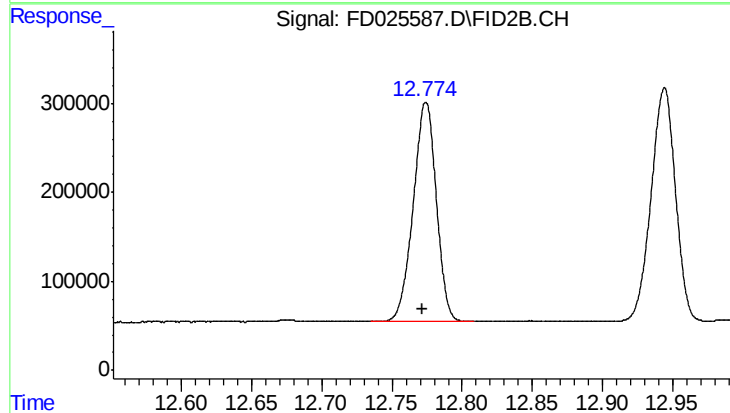
#10 n-Eicosane (C20)

R.T.: 12.335 min
Delta R.T.: 0.003 min
Response: 3228951
Conc: 42.74 ug/ml



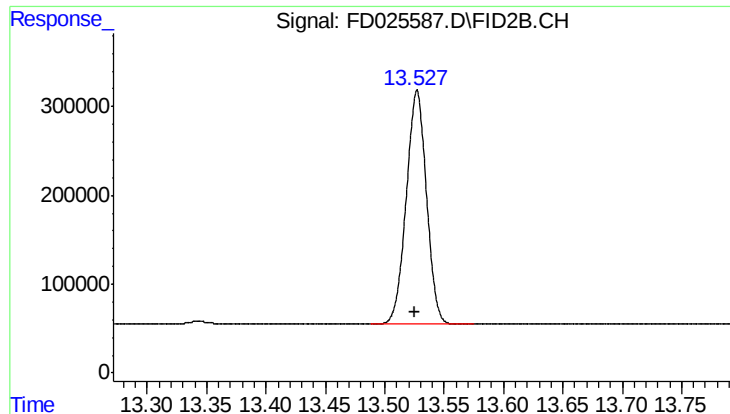
#11 n-Heneicosane (C21)

R.T.: 12.944 min
Delta R.T.: 0.002 min
Response: 3160954
Conc: 41.71 ug/ml



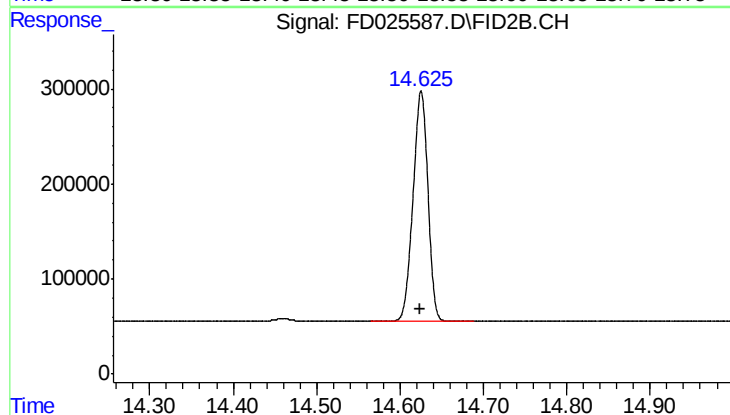
#12 1-chlorooctadecane (SURR)

R.T.: 12.774 min
Delta R.T.: 0.002 min
Response: 2823488
Conc: 42.35 ug/ml



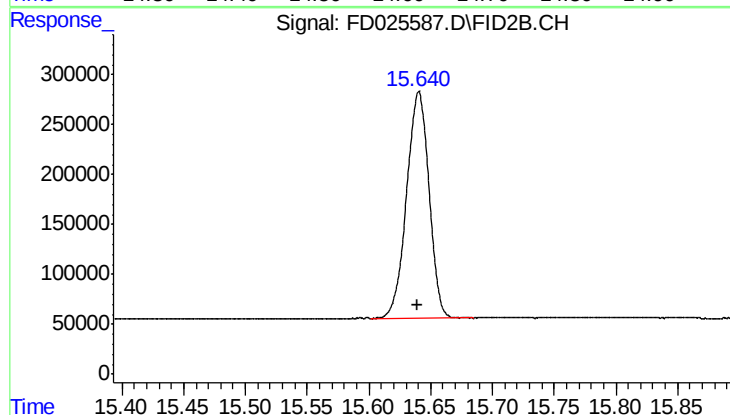
#13 n-Docosane (C22)

R.T.: 13.527 min
Delta R.T.: 0.002 min
Response: 3111737
Conc: 40.82 ug/ml



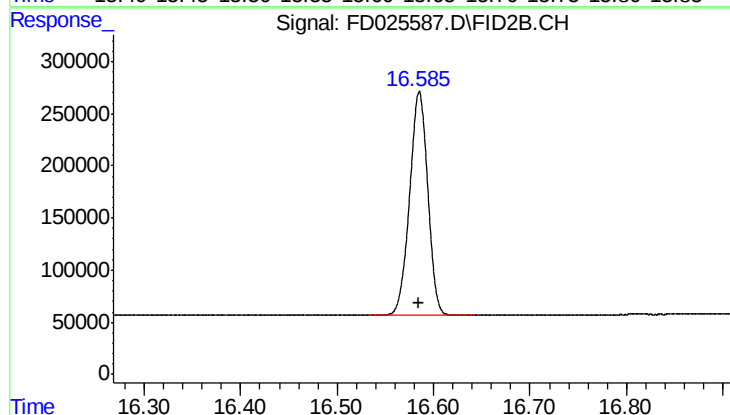
#14 n-Tetracosane (C24)

R.T.: 14.625 min
Delta R.T.: 0.002 min
Response: 3009800
Conc: 38.95 ug/ml



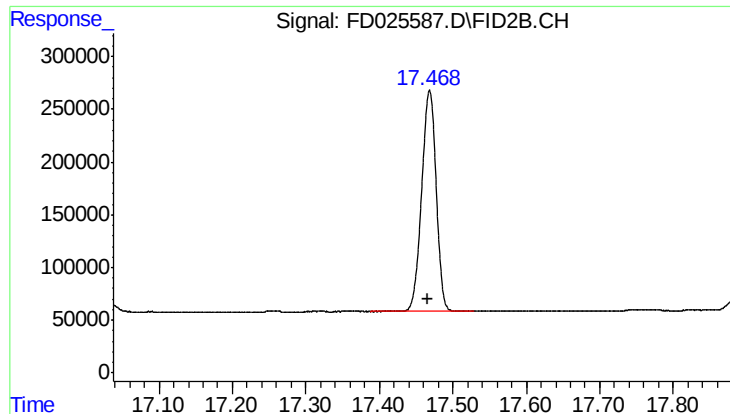
#15 n-Hexacosane (C26)

R.T.: 15.640 min
Delta R.T.: 0.000 min
Response: 2862202
Conc: 36.69 ug/ml



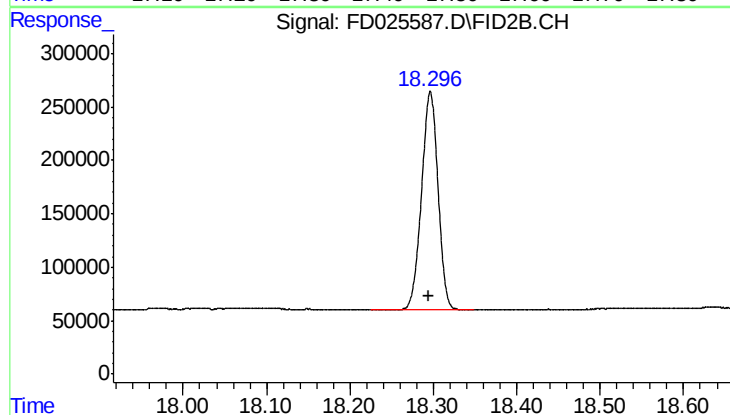
#16 n-Octacosane (C28)

R.T.: 16.585 min
Delta R.T.: 0.001 min
Response: 2815629
Conc: 33.24 ug/ml



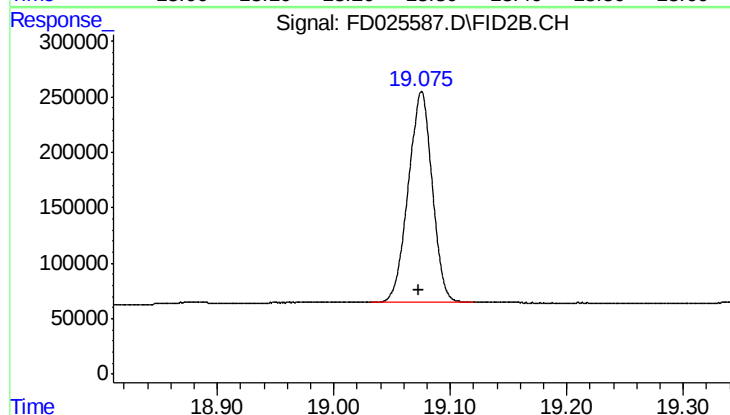
#17 n-Tricontane (C30)

R.T.: 17.468 min
Delta R.T.: 0.002 min
Response: 2870975
Conc: 29.23 ug/ml



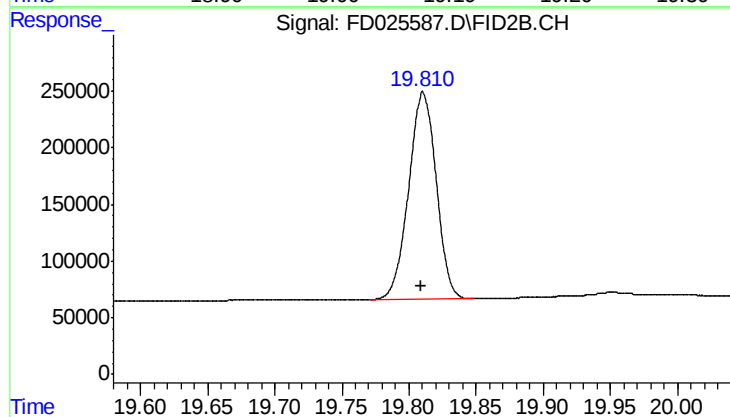
#18 n-Dotriacontane (C32)

R.T.: 18.297 min
Delta R.T.: 0.002 min
Response: 2794205
Conc: 30.43 ug/ml



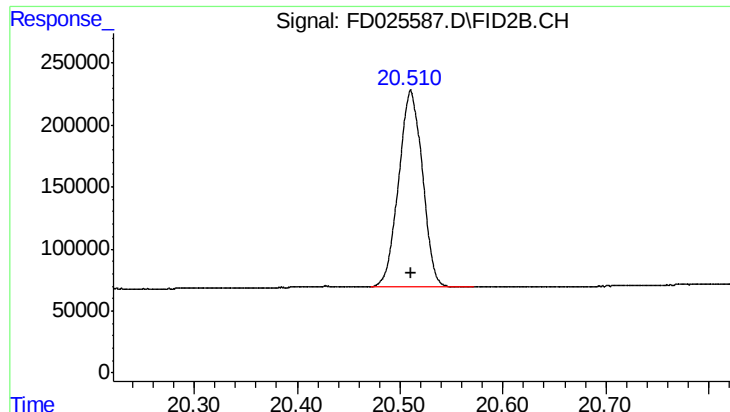
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: 0.002 min
Response: 2720660
Conc: 33.02 ug/ml



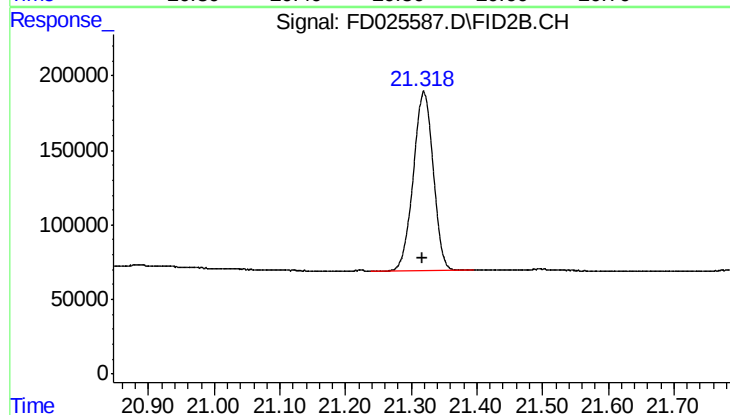
#20 n-Hexatriacontane (C36)

R.T.: 19.811 min
Delta R.T.: 0.001 min
Response: 2608520
Conc: 33.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.511 min
Delta R.T.: 0.000 min
Response: 2532589
Conc: 32.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.319 min
Delta R.T.: 0.000 min
Response: 2523529
Conc: 32.18 ug/ml