

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102821AL\
 Data File : FD039334.D
 Signal(s) : FID2B.CH
 Acq On : 28 Oct 2021 14:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 23:38:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.673	2717478	21.299 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
12) S 1-chlorooctadecane (S...	13.100	2207461	21.241 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
Target Compounds			
1) T n-Nonane (C9)	3.433	2494433	21.453 ug/ml
2) T n-Decane (C10)	4.501	2516447	21.525 ug/ml
3) T A~Naphthalene (C11.7)	6.095	2789281	21.643 ug/ml
4) T n-Dodecane (C12)	6.517	2553414	21.580 ug/ml
5) T A~2-methylnaphthalene...	7.150	2850772	21.706 ug/ml
6) T n-Tetradecane (C14)	8.309	2548435	21.621 ug/ml
7) T n-Hexadecane (C16)	9.908	2592241	21.632 ug/ml
8) T n-Octadecane (C18)	11.348	2631634	21.502 ug/ml
10) T n-Eicosane (C20)	12.654	2642049	21.423 ug/ml
11) T n-Heneicosane (C21)	13.265	2661750	21.256 ug/ml
13) T n-Docosane (C22)	13.850	2658024	21.400 ug/ml
14) T n-Tetracosane (C24)	14.949	2691172	21.679 ug/ml
15) T n-Hexacosane (C26)	15.966	2625931	21.376 ug/ml
16) T n-Octacosane (C28)	16.912	2452161	21.063 ug/ml
17) T n-Tricontane (C30)	17.796	2467126	20.944 ug/mlm
18) T n-Dotriacontane (C32)	18.626	2357089	20.616 ug/ml
19) T n-Tetratriacontane (C34)	19.406	2180170	20.569 ug/ml
20) T n-Hexatriacontane (C36)	20.144	2123523	20.846 ug/ml
21) T n-Octatriacontane (C38)	20.885	2066324	21.532 ug/mlm
22) T n-Tetracontane (C40)	21.812	1993009	21.604 ug/ml

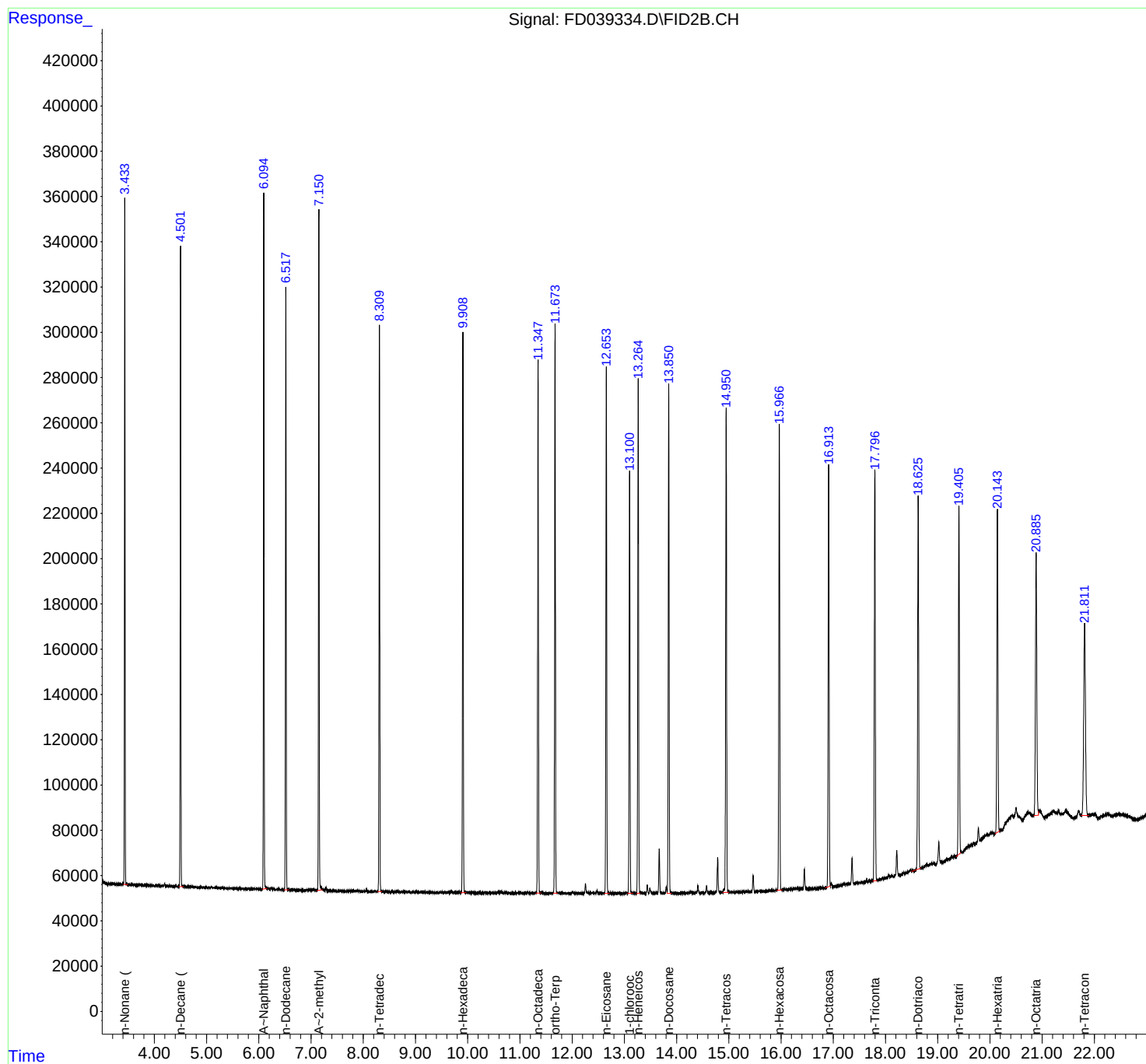
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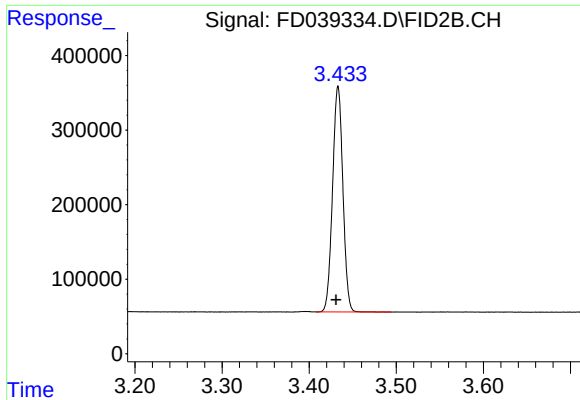
(m)=manual int.

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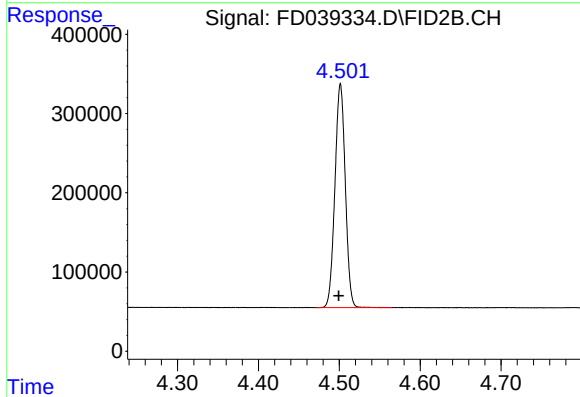
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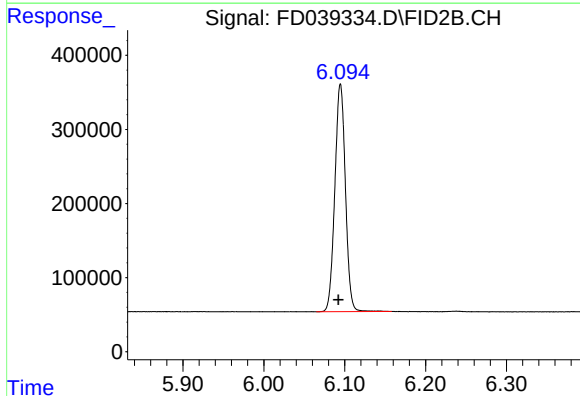
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: 0.002 min
Response: 2494433
Conc: 21.45 ug/ml



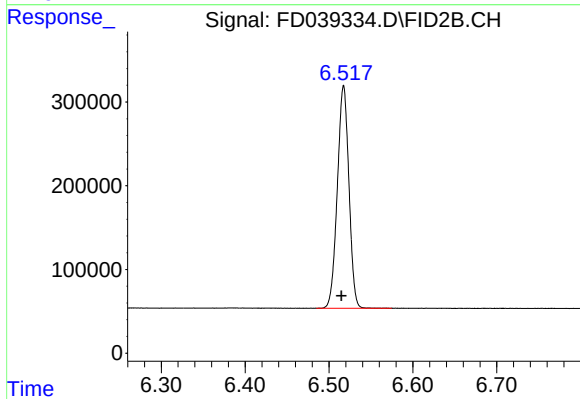
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.002 min
Response: 2516447
Conc: 21.52 ug/ml



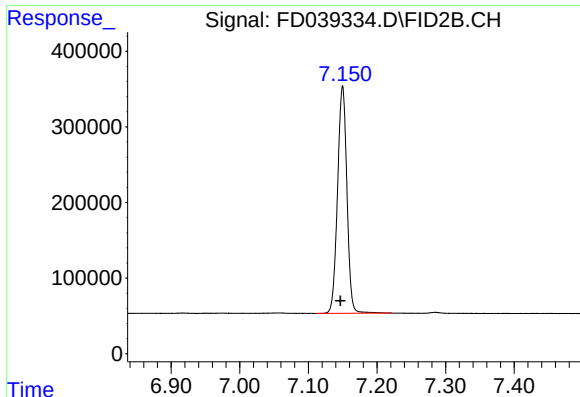
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: 0.002 min
Response: 2789281
Conc: 21.64 ug/ml



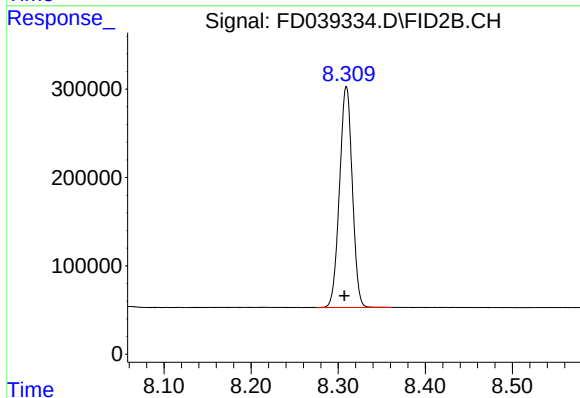
#4 n-Dodecane (C12)

R.T.: 6.517 min
Delta R.T.: 0.002 min
Response: 2553414
Conc: 21.58 ug/ml



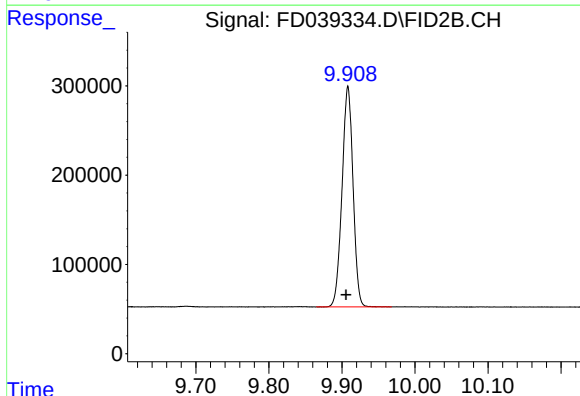
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: 0.003 min
Response: 2850772
Conc: 21.71 ug/ml



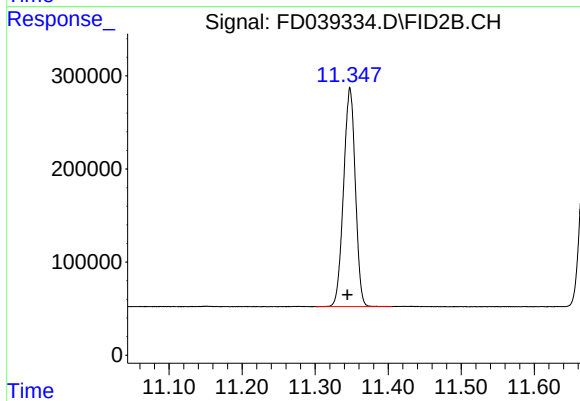
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.002 min
Response: 2548435
Conc: 21.62 ug/ml



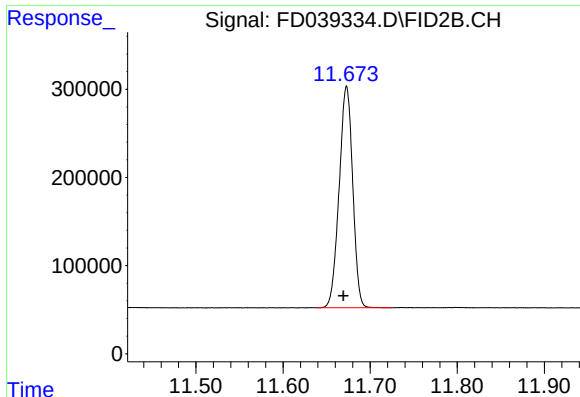
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: 0.003 min
Response: 2592241
Conc: 21.63 ug/ml



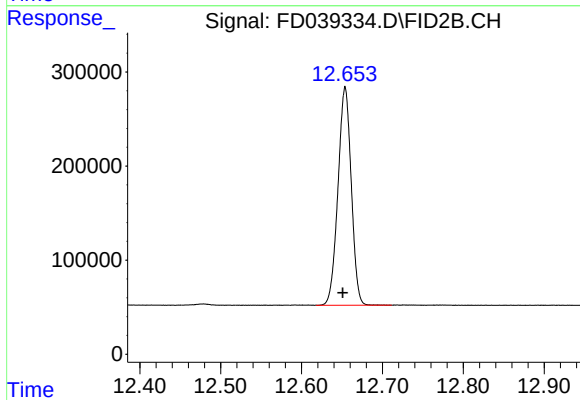
#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: 0.003 min
Response: 2631634
Conc: 21.50 ug/ml



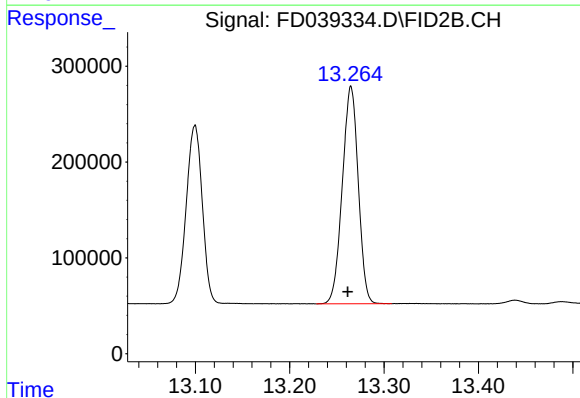
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: 0.003 min
Response: 2717478
Conc: 21.30 ug/ml



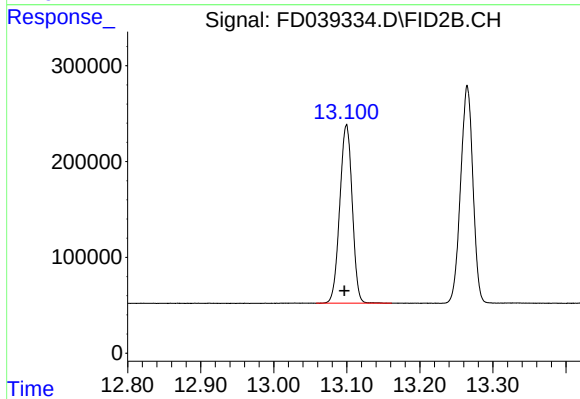
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: 0.003 min
Response: 2642049
Conc: 21.42 ug/ml



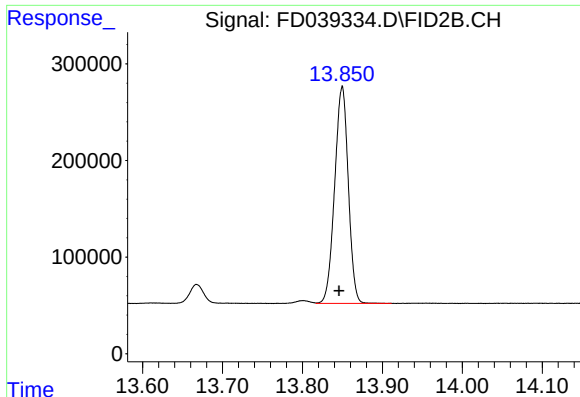
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: 0.004 min
Response: 2661750
Conc: 21.26 ug/ml



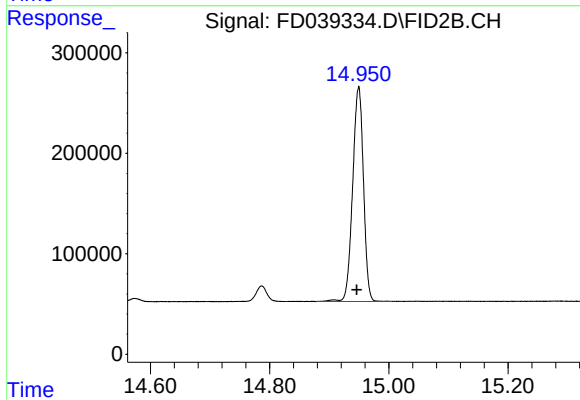
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: 0.003 min
Response: 2207461
Conc: 21.24 ug/ml



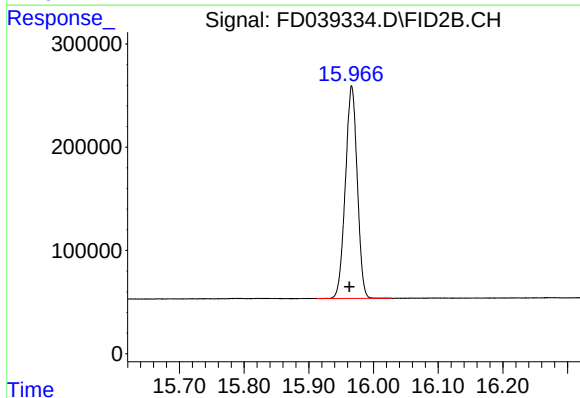
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: 0.004 min
Response: 2658024
Conc: 21.40 ug/ml



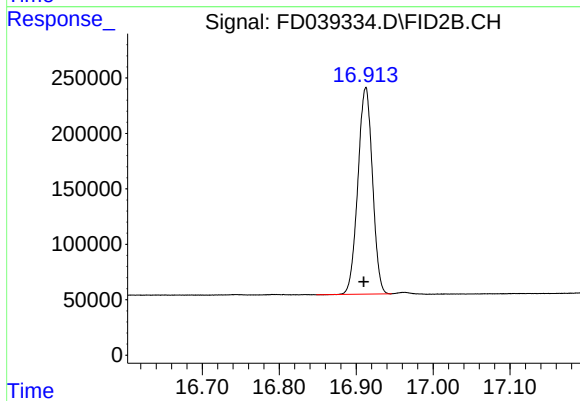
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: 0.003 min
Response: 2691172
Conc: 21.68 ug/ml



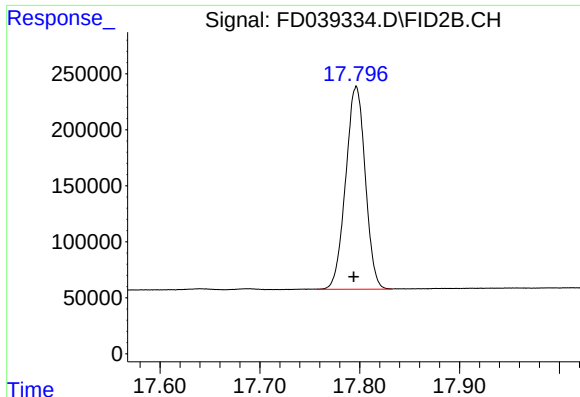
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: 0.003 min
Response: 2625931
Conc: 21.38 ug/ml



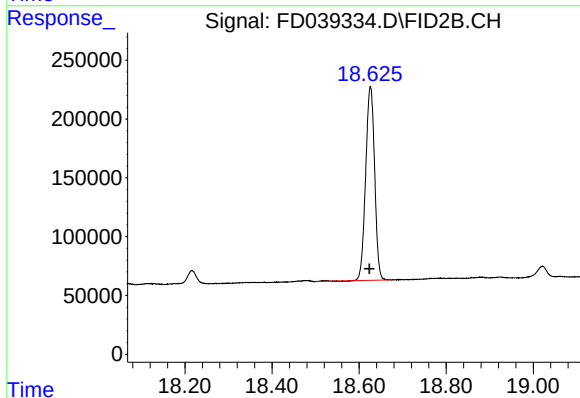
#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: 0.002 min
Response: 2452161
Conc: 21.06 ug/ml



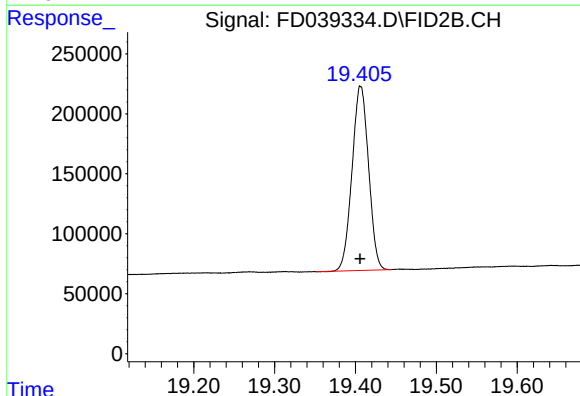
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: 0.002 min
Response: 2467126
Conc: 20.94 ug/ml m



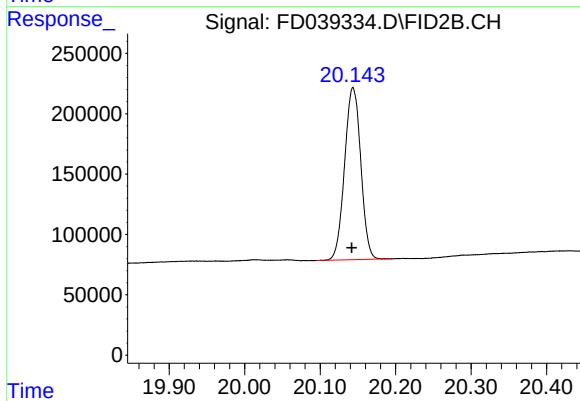
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: 0.003 min
Response: 2357089
Conc: 20.62 ug/ml



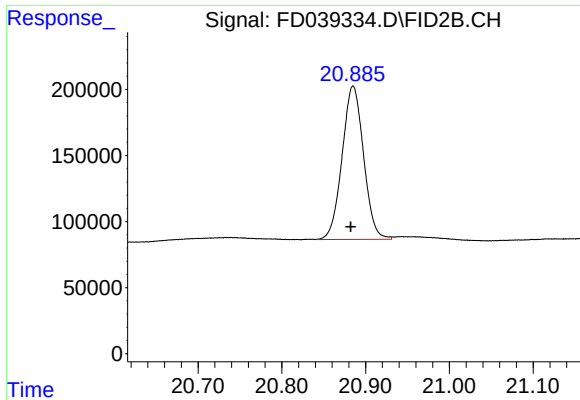
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: 0.000 min
Response: 2180170
Conc: 20.57 ug/ml



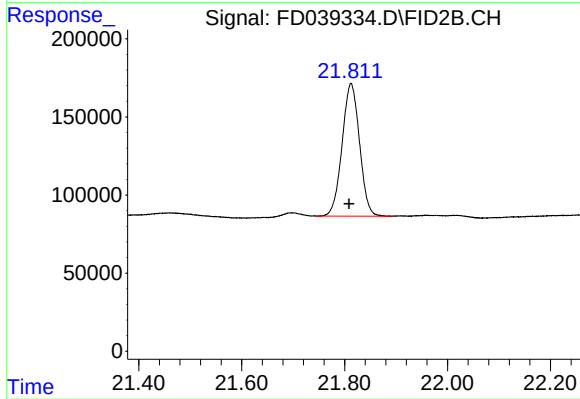
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: 0.002 min
Response: 2123523
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: 0.002 min
Response: 2066324
Conc: 21.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.812 min
Delta R.T.: 0.004 min
Response: 1993009
Conc: 21.60 ug/ml