

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100521AL\
 Data File : FD039011.D
 Signal(s) : FID2B.CH
 Acq On : 05 Oct 2021 13:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 05 23:41:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.677	2630944	18.537 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
12) S 1-chlorooctadecane (S...	13.104	2054678	18.272 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T n-Nonane (C9)	3.439	2449289	19.417 ug/ml
2) T n-Decane (C10)	4.508	2500994	19.596 ug/ml
3) T A~Naphthalene (C11.7)	6.101	2778348	19.511 ug/ml
4) T n-Dodecane (C12)	6.525	2502549	19.541 ug/ml
5) T A~2-methylnaphthalene...	7.156	2786031	19.461 ug/ml
6) T n-Tetradecane (C14)	8.317	2512978	19.366 ug/ml
7) T n-Hexadecane (C16)	9.914	2494154	19.123 ug/ml
8) T n-Octadecane (C18)	11.352	2517234	18.821 ug/ml
10) T n-Eicosane (C20)	12.659	2450605	18.478 ug/ml
11) T n-Heneicosane (C21)	13.270	2446741	18.272 ug/ml
13) T n-Docosane (C22)	13.854	2397141	18.071 ug/ml
14) T n-Tetracosane (C24)	14.953	2365035	17.849 ug/ml
15) T n-Hexacosane (C26)	15.970	2271749	17.649 ug/ml
16) T n-Octacosane (C28)	16.915	2202981	17.471 ug/ml
17) T n-Tricontane (C30)	17.801	2152326	17.646 ug/ml
18) T n-Dotriacontane (C32)	18.630	2064516	17.807 ug/ml
19) T n-Tetratriacontane (C34)	19.409	1990551	18.440 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1884372	19.257 ug/ml
21) T n-Octatriacontane (C38)	20.887	1814973	20.217 ug/ml
22) T n-Tetracontane (C40)	21.816	1911164	21.695 ug/ml

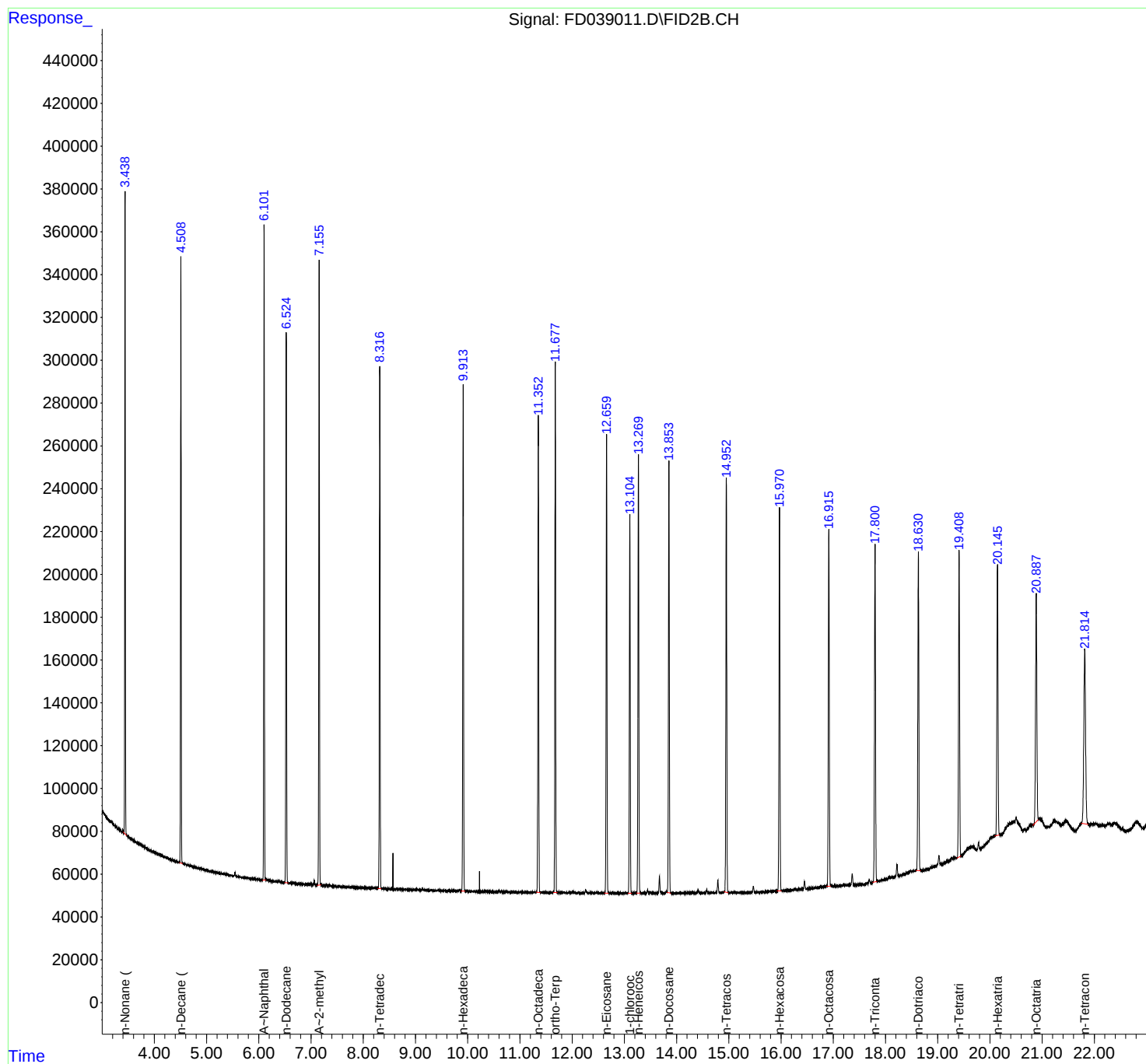
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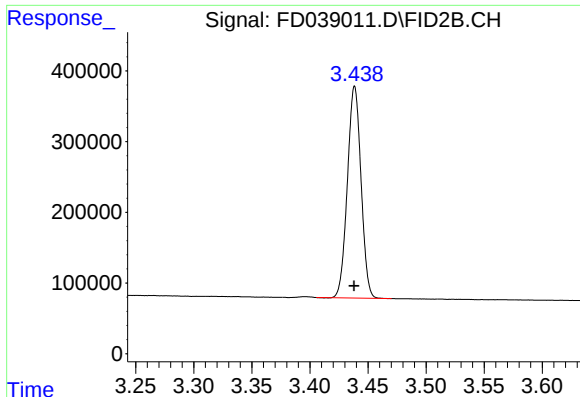
(m)=manual int.

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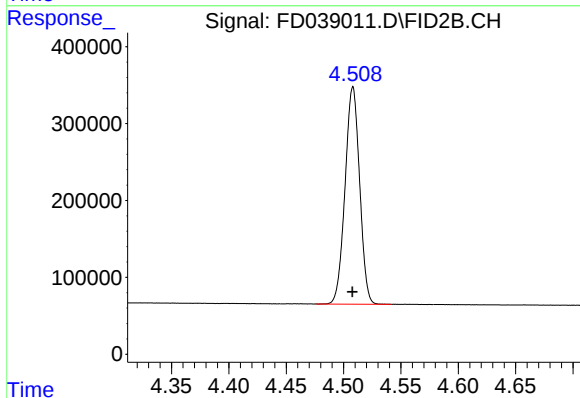
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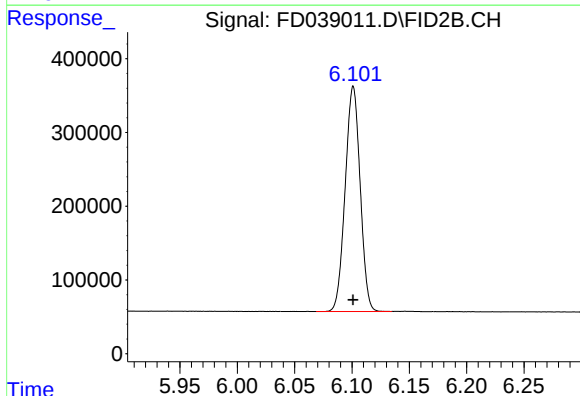
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2449289
Conc: 19.42 ug/ml



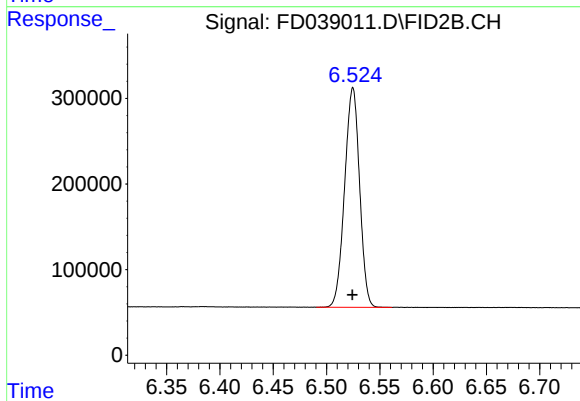
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2500994
Conc: 19.60 ug/ml



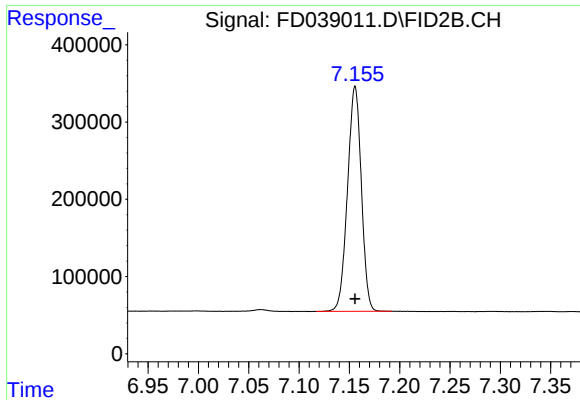
#3 A~Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 2778348
Conc: 19.51 ug/ml



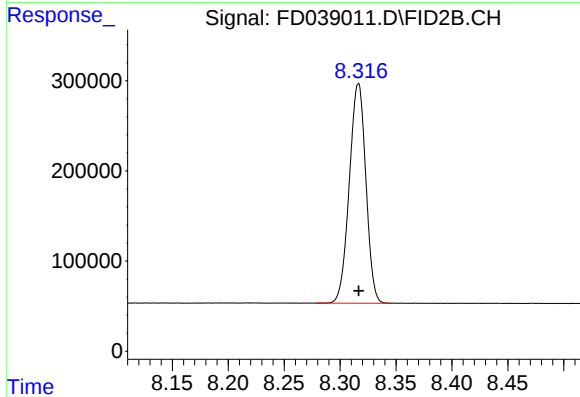
#4 n-Dodecane (C12)

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2502549
Conc: 19.54 ug/ml



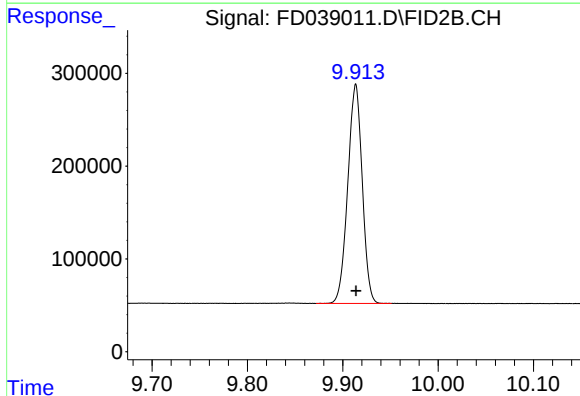
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 2786031
Conc: 19.46 ug/ml



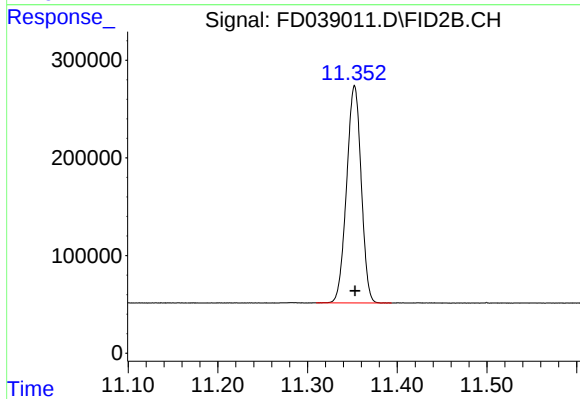
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 2512978
Conc: 19.37 ug/ml



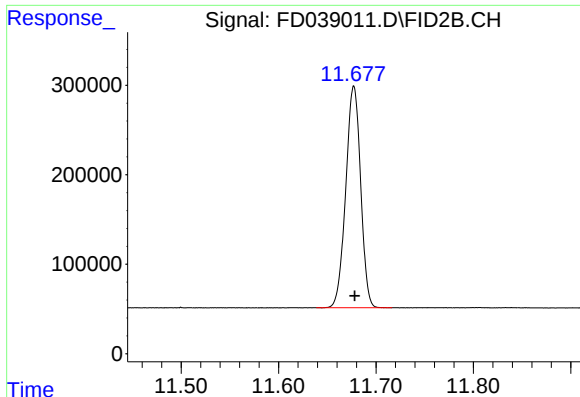
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2494154
Conc: 19.12 ug/ml



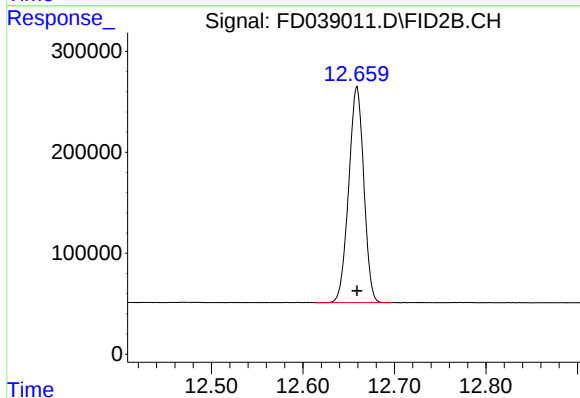
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 2517234
Conc: 18.82 ug/ml



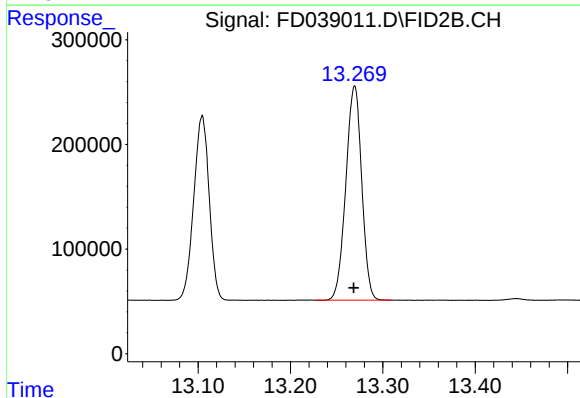
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: 0.000 min
Response: 2630944
Conc: 18.54 ug/ml



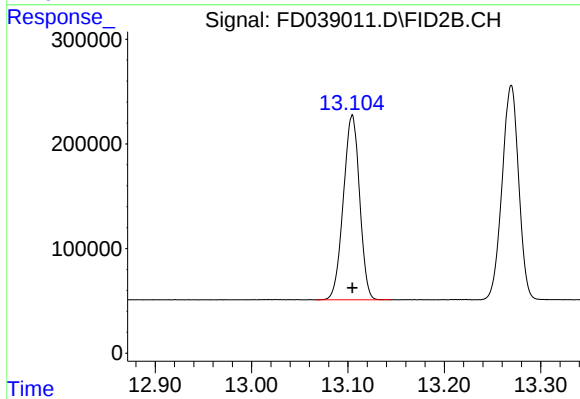
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2450605
Conc: 18.48 ug/ml



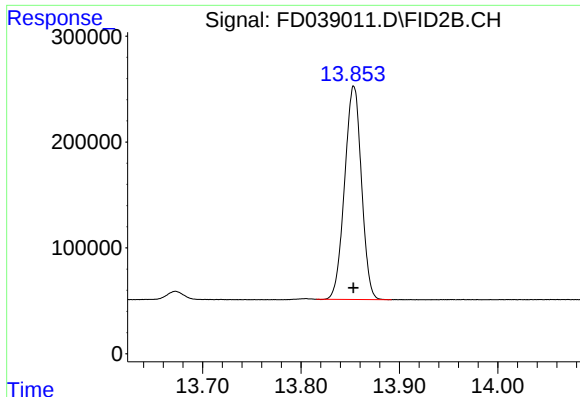
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 2446741
Conc: 18.27 ug/ml



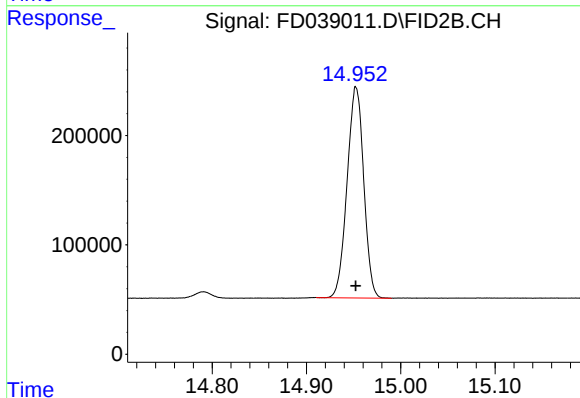
#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2054678
Conc: 18.27 ug/ml



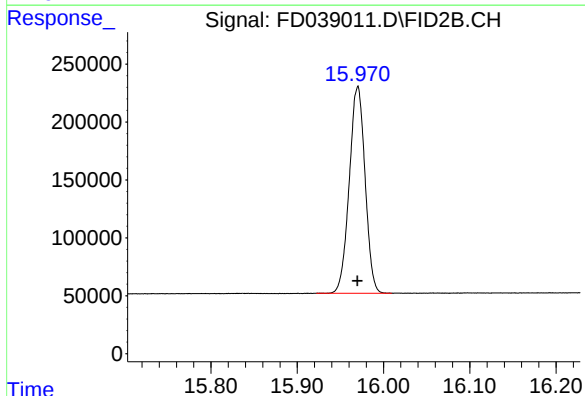
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 2397141
Conc: 18.07 ug/ml



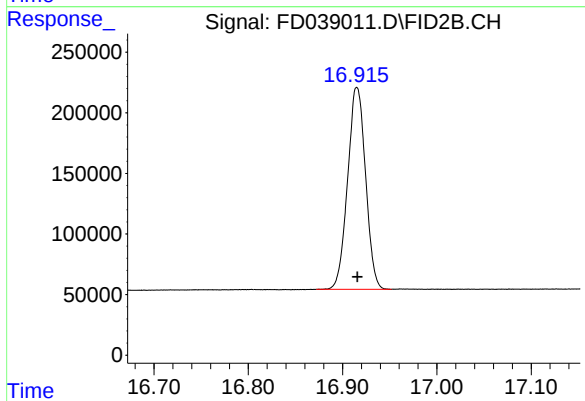
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 2365035
Conc: 17.85 ug/ml



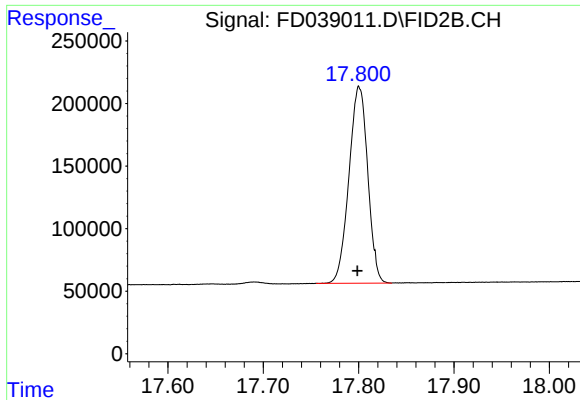
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 2271749
Conc: 17.65 ug/ml



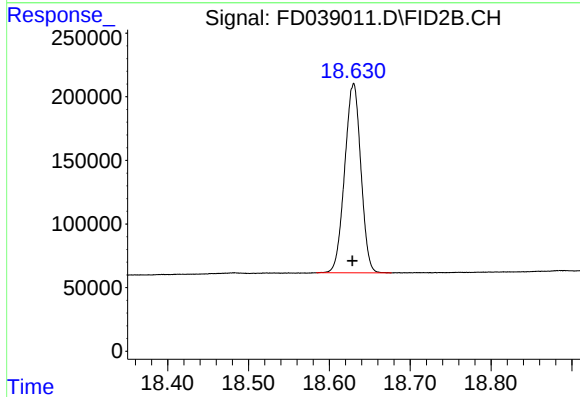
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.000 min
Response: 2202981
Conc: 17.47 ug/ml



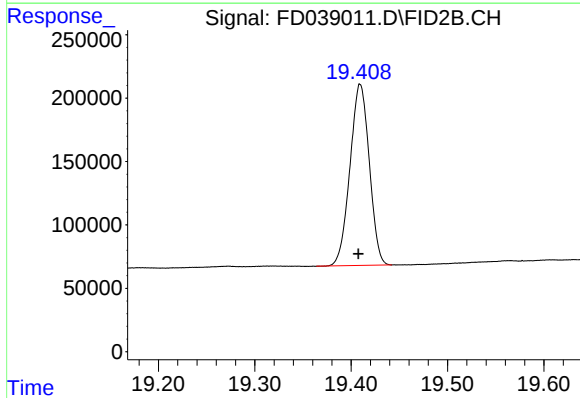
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: 0.002 min
Response: 2152326
Conc: 17.65 ug/ml



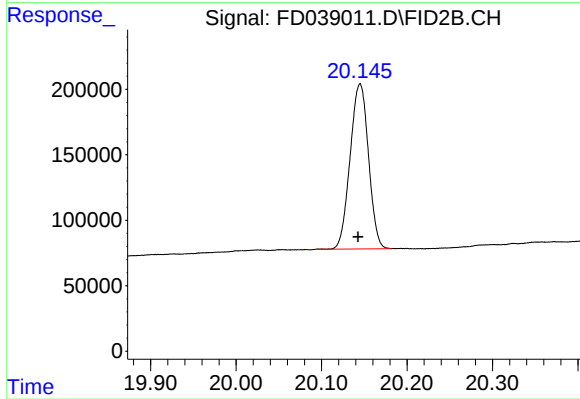
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.001 min
Response: 2064516
Conc: 17.81 ug/ml



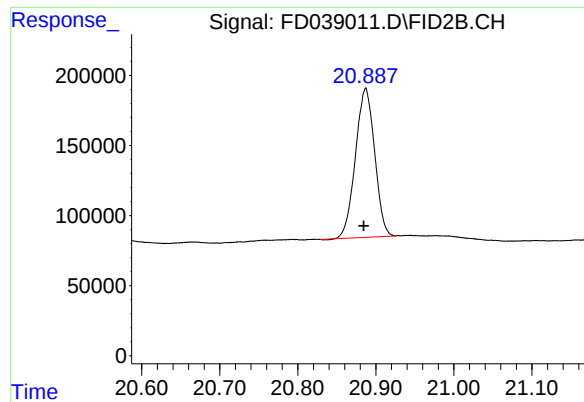
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.002 min
Response: 1990551
Conc: 18.44 ug/ml



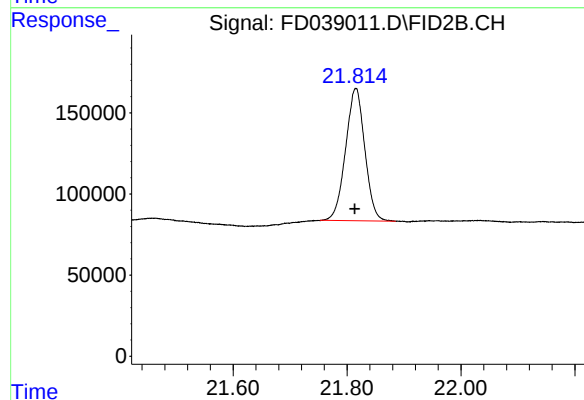
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: 0.002 min
Response: 1884372
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: 0.003 min
Response: 1814973
Conc: 20.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: 0.002 min
Response: 1911164
Conc: 21.69 ug/ml