

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102721AL\
 Data File : FD039301.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 15:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 28 01:47:01 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)	11.674	2602666	20.399 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	13.101	2101028	20.217 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.434	2413234	20.755 ug/ml
2) T n-Decane (C10)	4.503	2430530	20.790 ug/ml
3) T A~Naphthalene (C11.7)	6.095	2689121	20.866 ug/ml
4) T n-Dodecane (C12)	6.518	2467911	20.857 ug/ml
5) T A~2-methylnaphthalene...	7.151	2746876	20.915 ug/ml
6) T n-Tetradecane (C14)	8.311	2466527	20.926 ug/ml
7) T n-Hexadecane (C16)	9.909	2496732	20.835 ug/ml
8) T n-Octadecane (C18)	11.348	2533305	20.699 ug/ml
10) T n-Eicosane (C20)	12.655	2525177	20.475 ug/ml
11) T n-Heneicosane (C21)	13.266	2538017	20.267 ug/ml
13) T n-Docosane (C22)	13.851	2518812	20.280 ug/ml
14) T n-Tetracosane (C24)	14.951	2473086	19.922 ug/ml
15) T n-Hexacosane (C26)	15.968	2398409	19.524 ug/ml
16) T n-Octacosane (C28)	16.914	2229993	19.155 ug/ml
17) T n-Tricontane (C30)	17.799	2245152	19.060 ug/ml
18) T n-Dotriacontane (C32)	18.629	2172722	19.003 ug/ml
19) T n-Tetratriacontane (C34)	19.410	2030387	19.155 ug/ml
20) T n-Hexatriacontane (C36)	20.146	1982766	19.464 ug/ml
21) T n-Octatriacontane (C38)	20.889	1940622	20.222 ug/ml
22) T n-Tetracontane (C40)	21.816	1919634	20.808 ug/ml

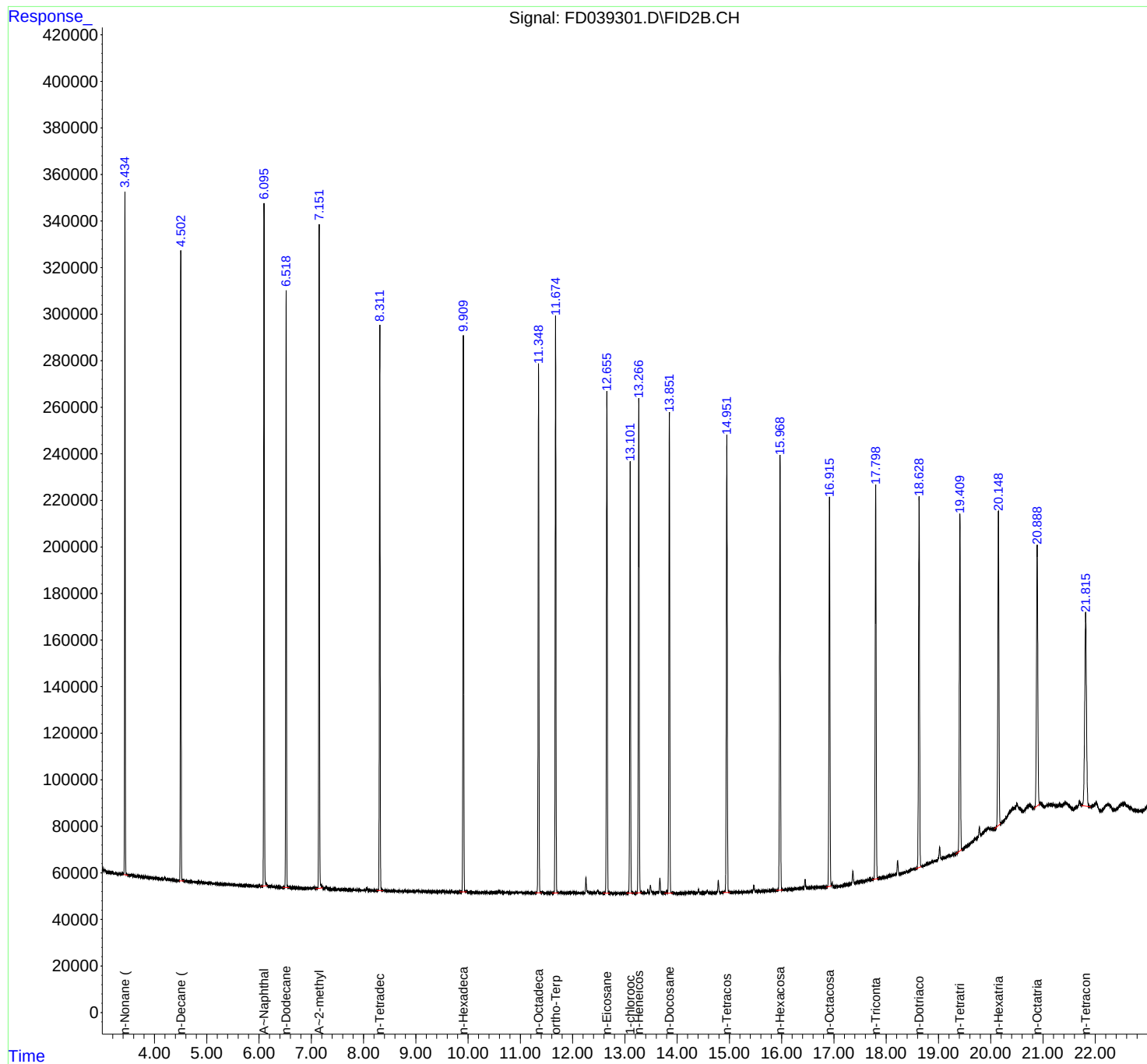
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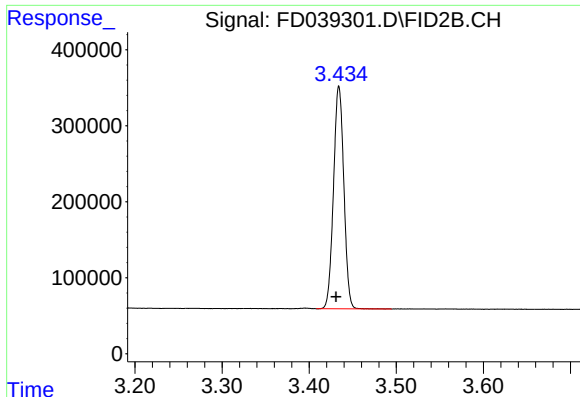
(m)=manual int.

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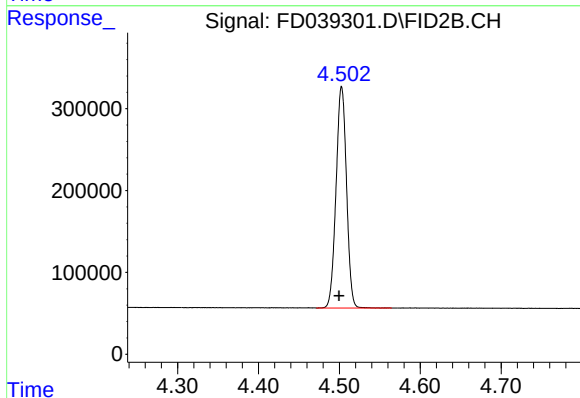
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





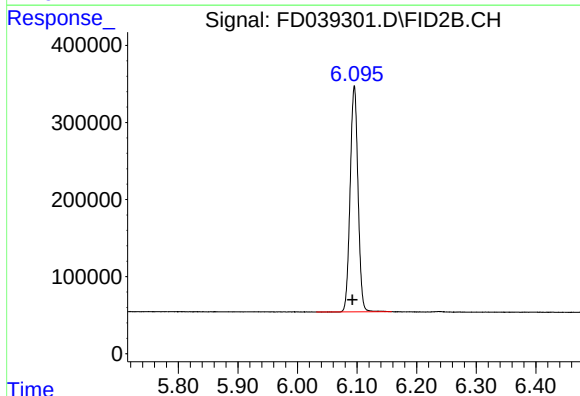
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: 0.003 min
Response: 2413234
Conc: 20.76 ug/ml



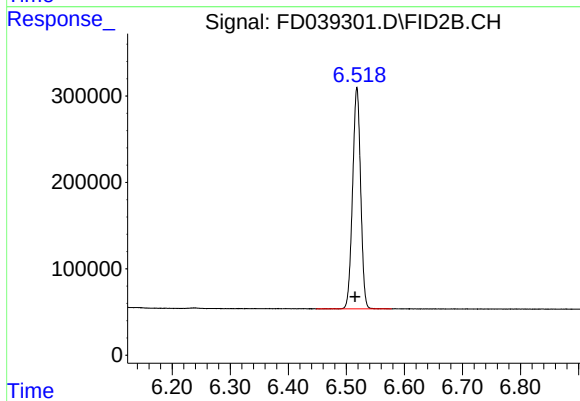
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.003 min
Response: 2430530
Conc: 20.79 ug/ml



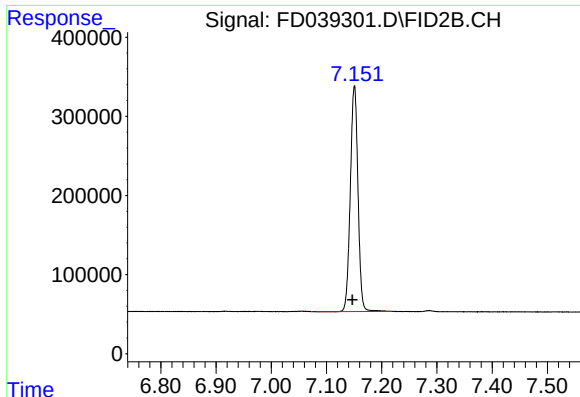
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: 0.003 min
Response: 2689121
Conc: 20.87 ug/ml



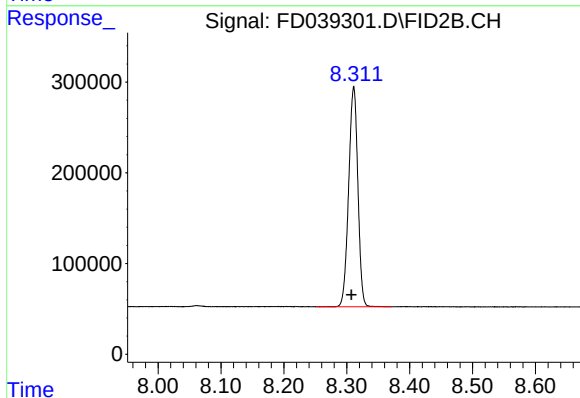
#4 n-Dodecane (C12)

R.T.: 6.518 min
Delta R.T.: 0.003 min
Response: 2467911
Conc: 20.86 ug/ml



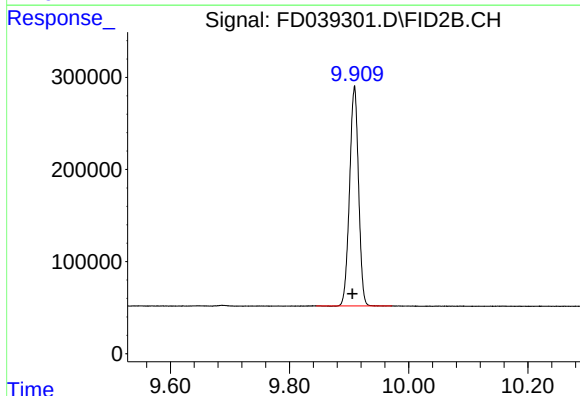
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.004 min
Response: 2746876
Conc: 20.92 ug/ml



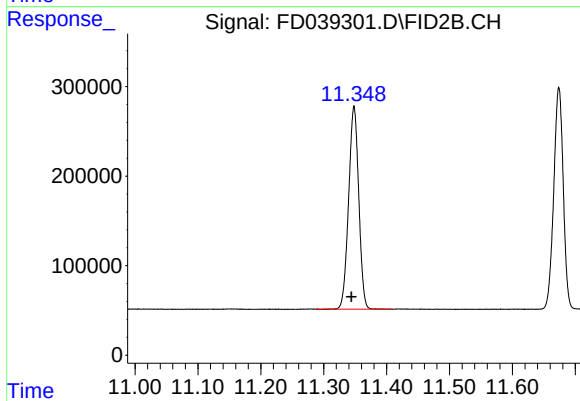
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.004 min
Response: 2466527
Conc: 20.93 ug/ml



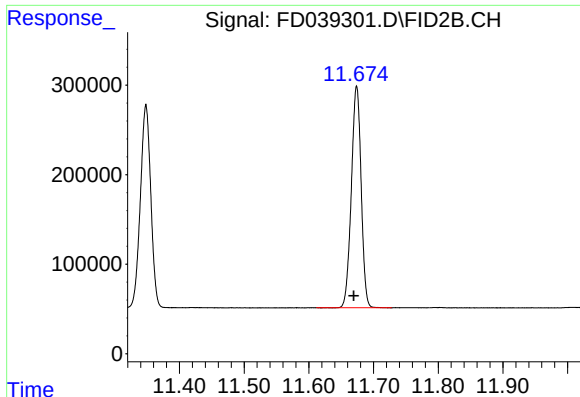
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: 0.003 min
Response: 2496732
Conc: 20.84 ug/ml



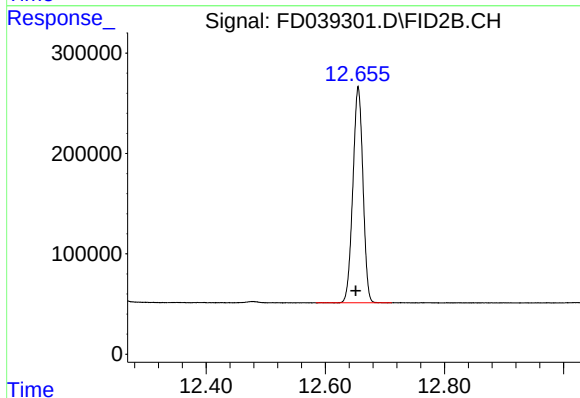
#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: 0.004 min
Response: 2533305
Conc: 20.70 ug/ml



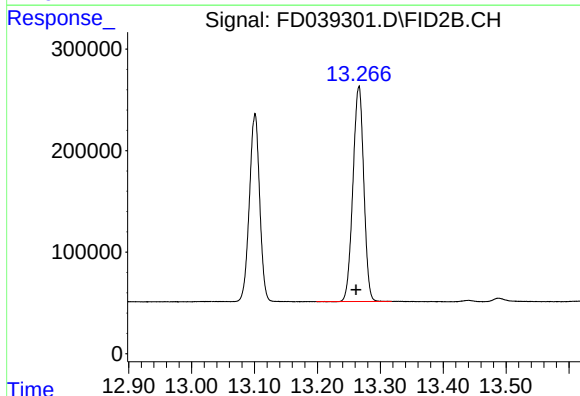
#9 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: 0.005 min
Response: 2602666
Conc: 20.40 ug/ml



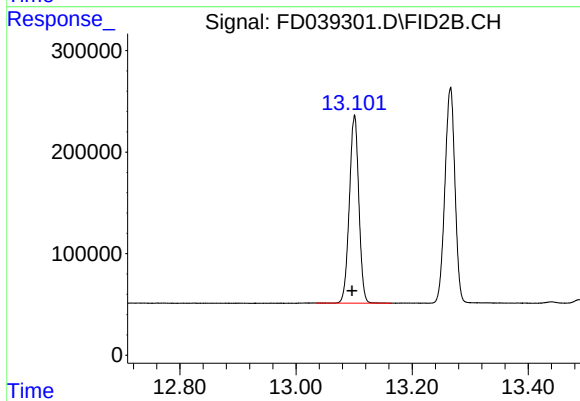
#10 n-Eicosane (C20)

R.T.: 12.655 min
Delta R.T.: 0.004 min
Response: 2525177
Conc: 20.47 ug/ml



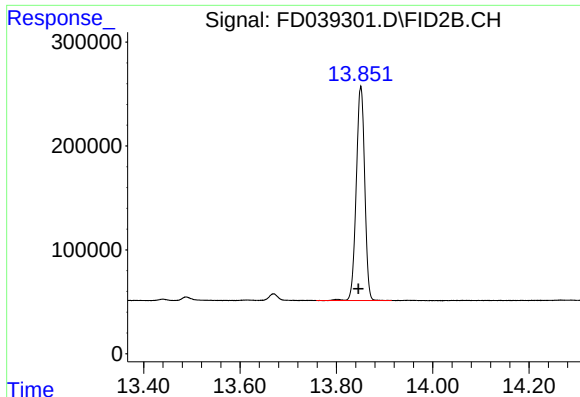
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: 0.004 min
Response: 2538017
Conc: 20.27 ug/ml



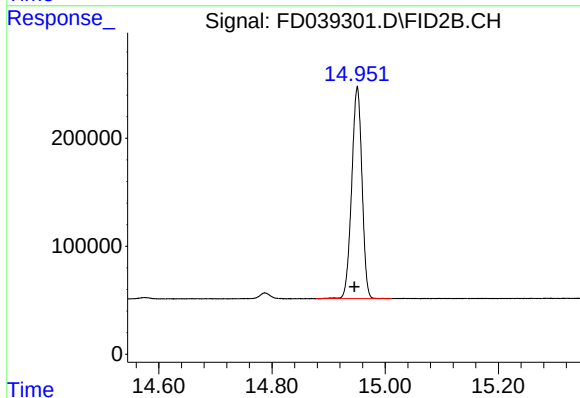
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: 0.004 min
Response: 2101028
Conc: 20.22 ug/ml



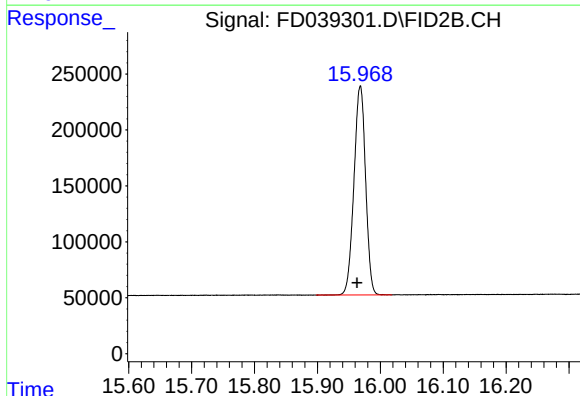
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: 0.005 min
Response: 2518812
Conc: 20.28 ug/ml



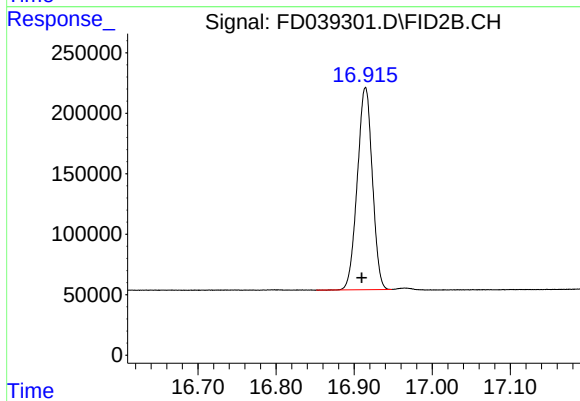
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.005 min
Response: 2473086
Conc: 19.92 ug/ml



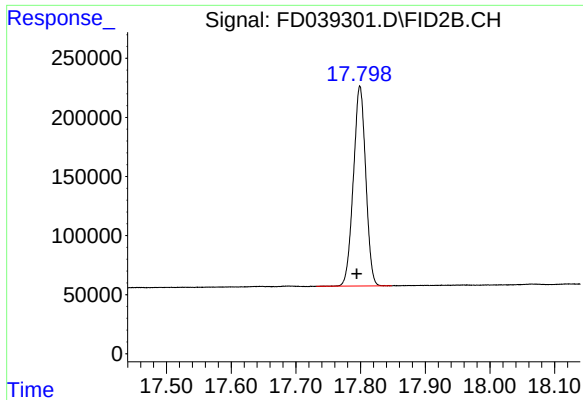
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: 0.005 min
Response: 2398409
Conc: 19.52 ug/ml



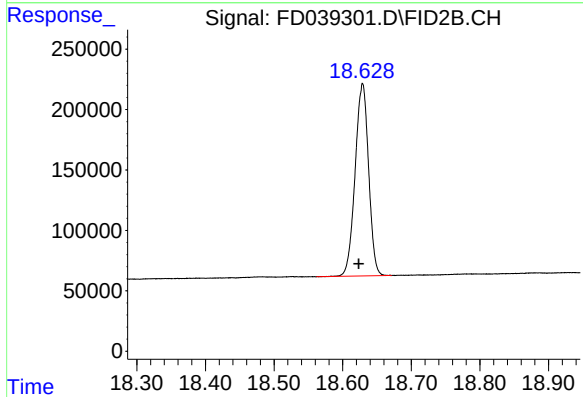
#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: 0.005 min
Response: 2229993
Conc: 19.15 ug/ml



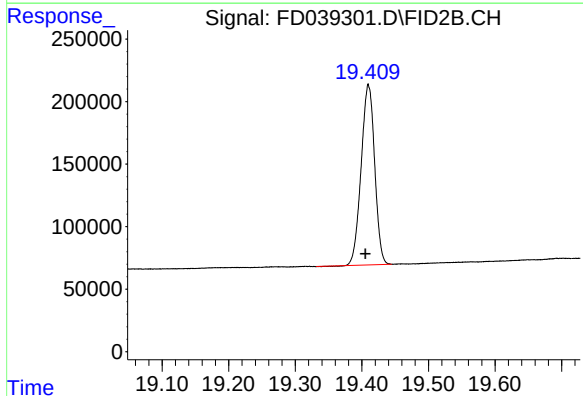
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: 0.005 min
Response: 2245152
Conc: 19.06 ug/ml



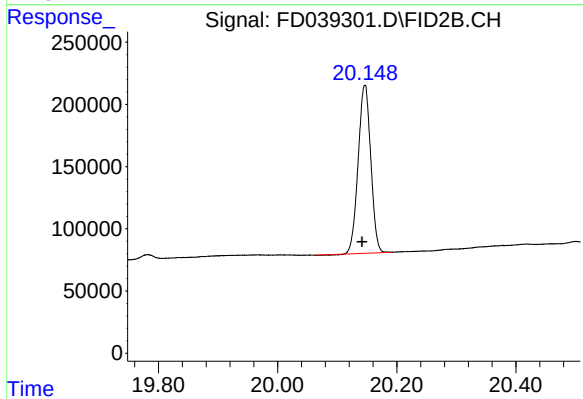
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.005 min
Response: 2172722
Conc: 19.00 ug/ml



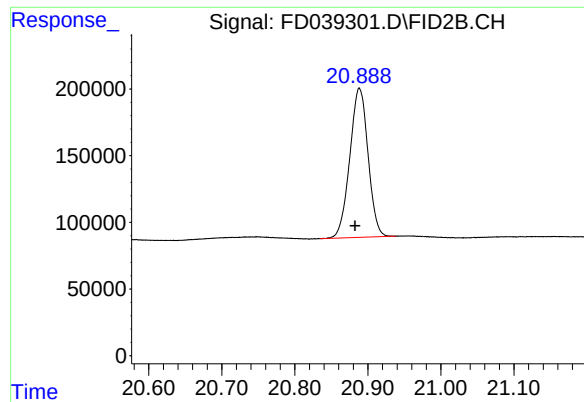
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.004 min
Response: 2030387
Conc: 19.16 ug/ml



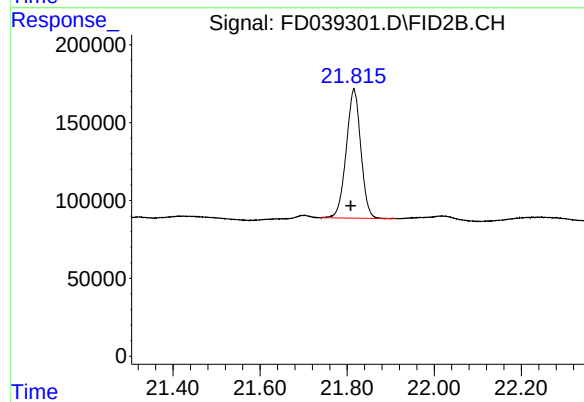
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min
Delta R.T.: 0.005 min
Response: 1982766
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.889 min
Delta R.T.: 0.006 min
Response: 1940622
Conc: 20.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: 0.007 min
Response: 1919634
Conc: 20.81 ug/ml