

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AL\
 Data File : FD039779.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 8:10
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 10 10:36:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 10:35:27 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)	11.478	7149729	51.605 ug/ml
Spiked Amount 50.000		Recovery =	103.21%
12) S 1-chlorooctadecane (S...	12.908	5687452	52.395 ug/ml
Spiked Amount 50.000		Recovery =	104.79%
Target Compounds			
1) T n-Nonane (C9)	3.276	6265099	51.384 ug/ml
2) T n-Decane (C10)	4.338	6305500	51.514 ug/ml
3) T A~Naphthalene (C11.7)	5.915	6985012	52.731 ug/ml
4) T n-Dodecane (C12)	6.346	6303366	51.679 ug/ml
5) T A~2-methylnaphthalene...	6.966	7023406	52.760 ug/ml
6) T n-Tetradecane (C14)	8.133	6341281	51.918 ug/ml
7) T n-Hexadecane (C16)	9.727	6412180	52.006 ug/ml
8) T n-Octadecane (C18)	11.163	6667916	51.969 ug/ml
10) T n-Eicosane (C20)	12.466	6711337	52.014 ug/ml
11) T n-Heneicosane (C21)	13.075	6835385	51.881 ug/ml
13) T n-Docosane (C22)	13.659	6842550	51.940 ug/ml
14) T n-Tetracosane (C24)	14.757	6988750	51.613 ug/ml
15) T n-Hexacosane (C26)	15.772	6896670	51.530 ug/ml
16) T n-Octacosane (C28)	16.718	6810721	51.584 ug/ml
17) T n-Tricontane (C30)	17.600	6541932	51.843 ug/ml
18) T n-Dotriacontane (C32)	18.428	6101734	52.445 ug/ml
19) T n-Tetratriacontane (C34)	19.208	5743352	53.333 ug/ml
20) T n-Hexatriacontane (C36)	19.943	5221174	52.923 ug/ml
21) T n-Octatriacontane (C38)	20.654	4889808	52.331 ug/ml
22) T n-Tetracontane (C40)	21.507	4738521	55.856 ug/ml

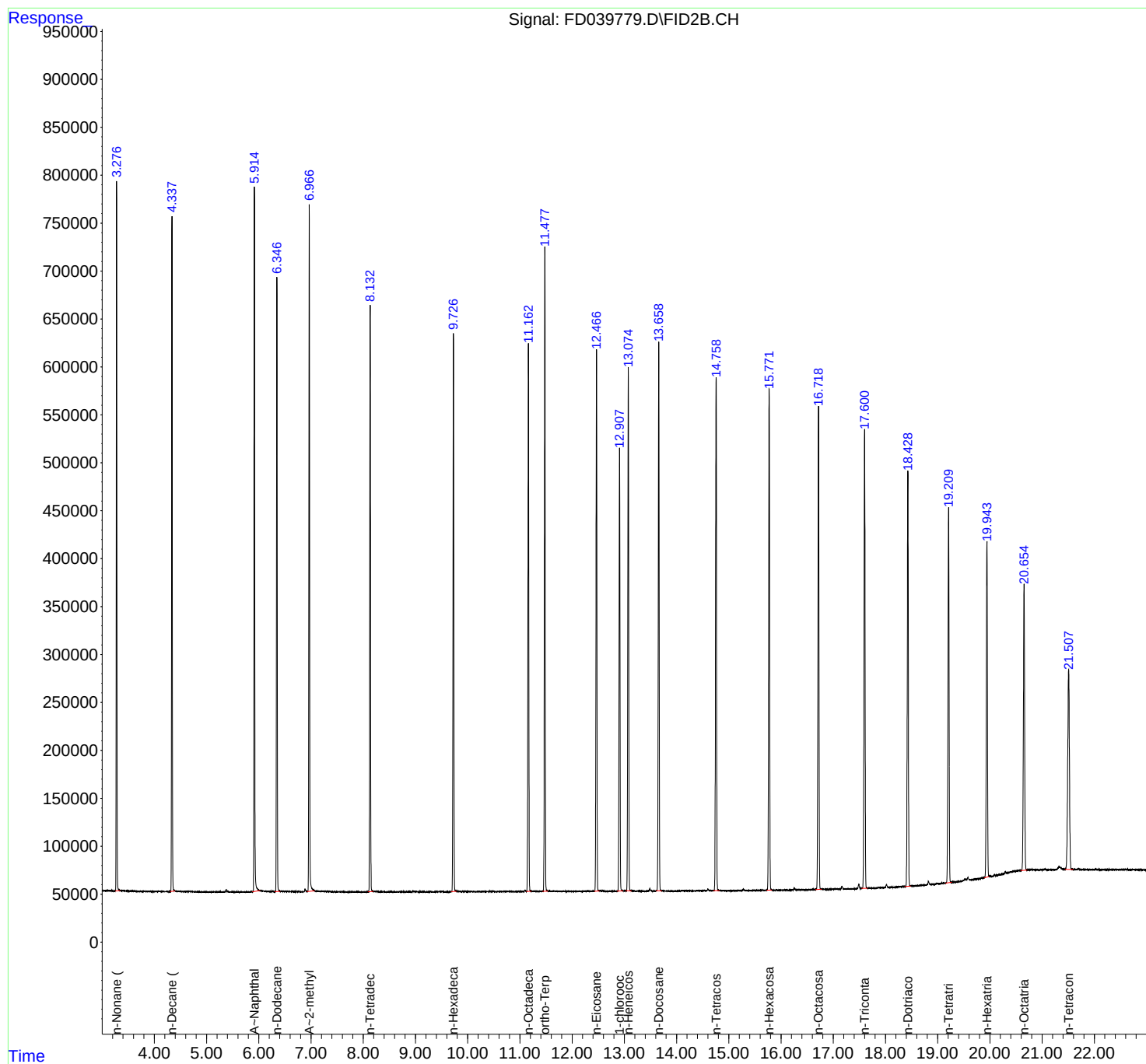
(f)=RT Delta > 1/2 Window

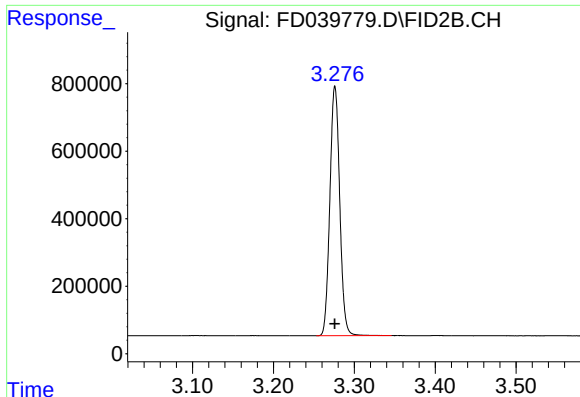
(m)=manual int.

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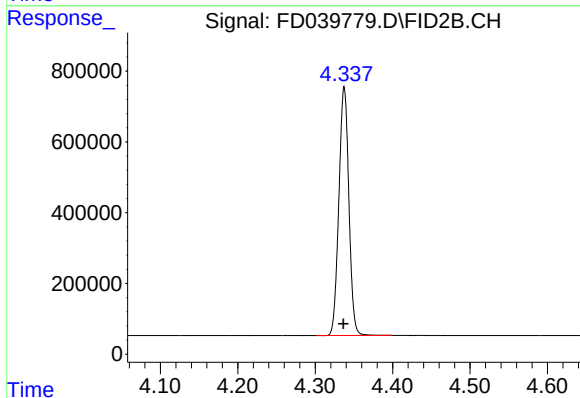
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





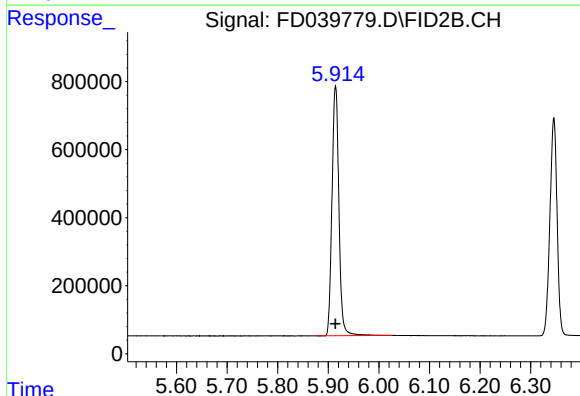
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 6265099
Conc: 51.38 ug/ml



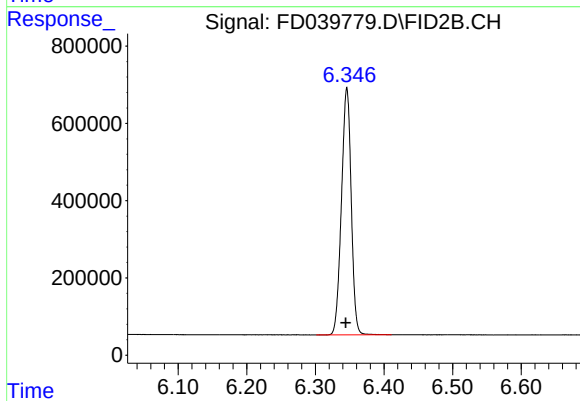
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.001 min
Response: 6305500
Conc: 51.51 ug/ml



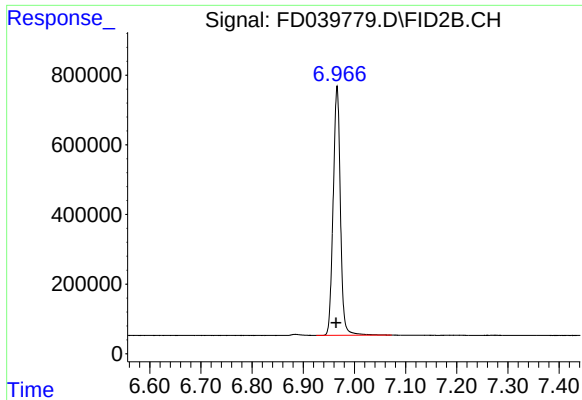
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 6985012
Conc: 52.73 ug/ml



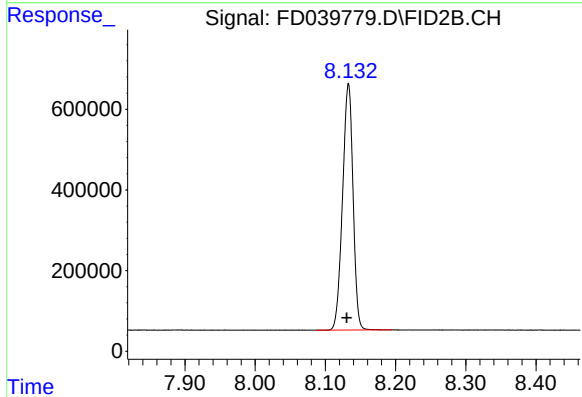
#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 6303366
Conc: 51.68 ug/ml



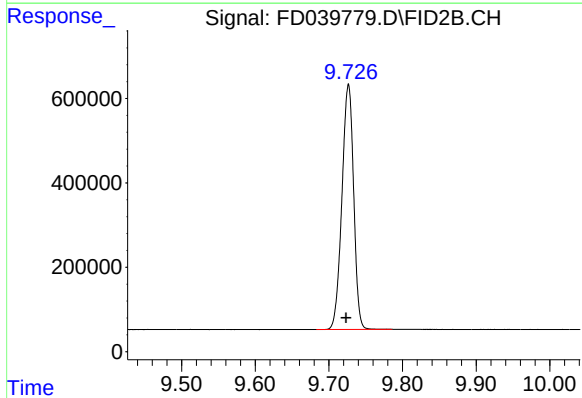
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 7023406
Conc: 52.76 ug/ml



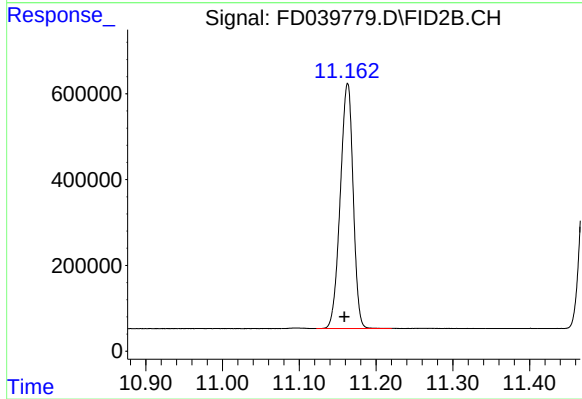
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.002 min
Response: 6341281
Conc: 51.92 ug/ml



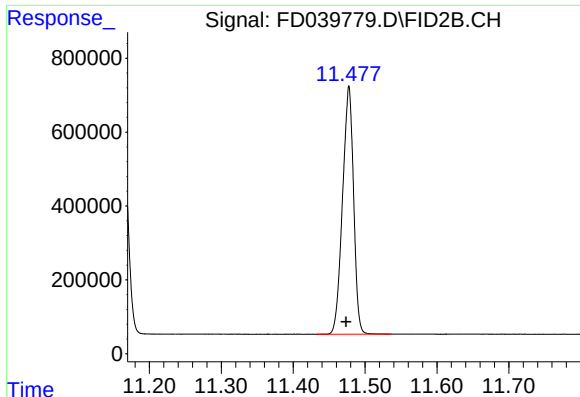
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: 0.003 min
Response: 6412180
Conc: 52.01 ug/ml



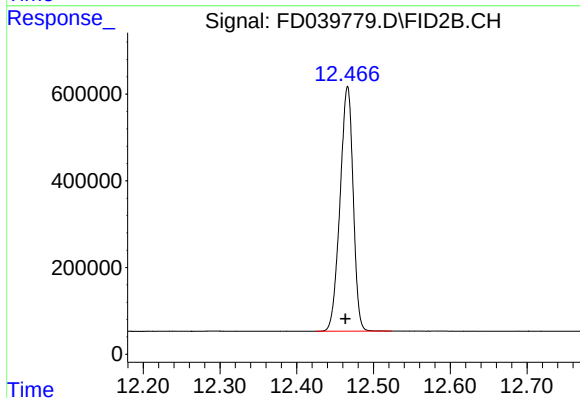
#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: 0.004 min
Response: 6667916
Conc: 51.97 ug/ml



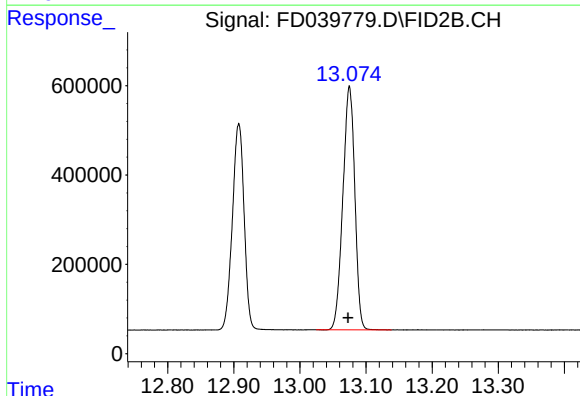
#9 ortho-Terphenyl (SURRE)

R.T.: 11.478 min
Delta R.T.: 0.004 min
Response: 7149729
Conc: 51.61 ug/ml



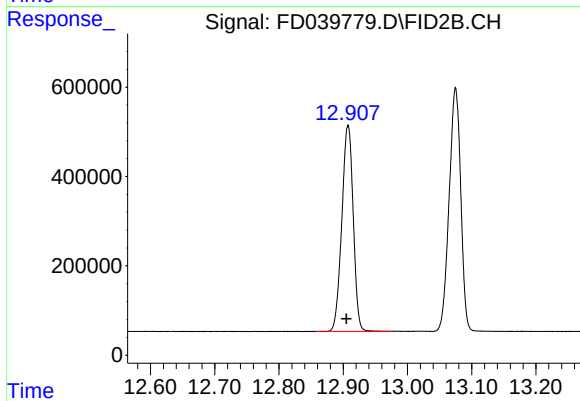
#10 n-Eicosane (C20)

R.T.: 12.466 min
Delta R.T.: 0.003 min
Response: 6711337
Conc: 52.01 ug/ml



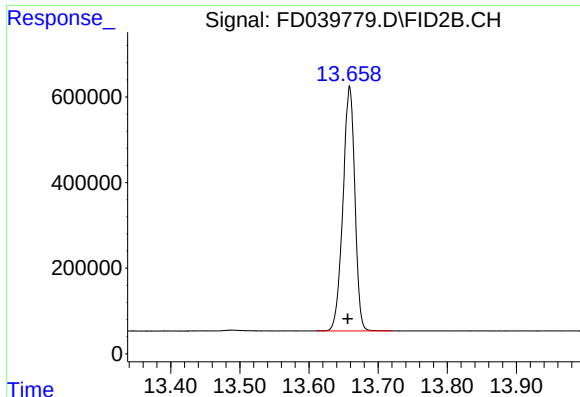
#11 n-Heneicosane (C21)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 6835385
Conc: 51.88 ug/ml



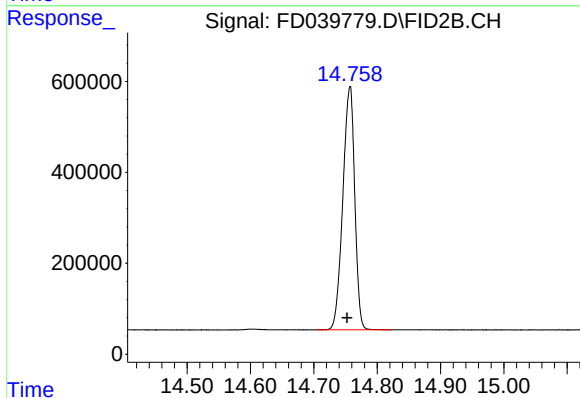
#12 1-chlorooctadecane (SURRE)

R.T.: 12.908 min
Delta R.T.: 0.002 min
Response: 5687452
Conc: 52.39 ug/ml



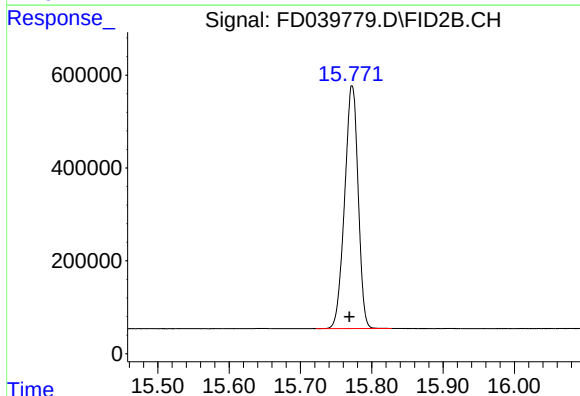
#13 n-Docosane (C22)

R.T.: 13.659 min
Delta R.T.: 0.003 min
Response: 6842550
Conc: 51.94 ug/ml



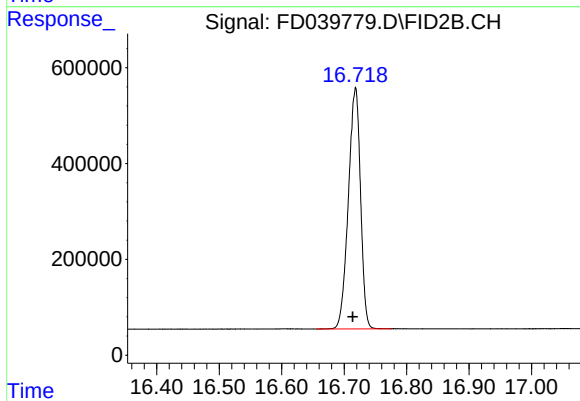
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: 0.005 min
Response: 6988750
Conc: 51.61 ug/ml



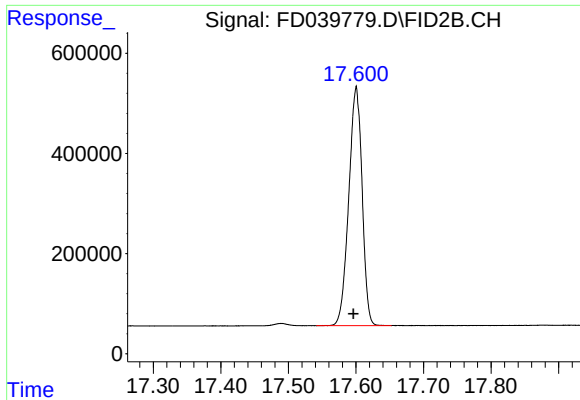
#15 n-Hexacosane (C26)

R.T.: 15.772 min
Delta R.T.: 0.004 min
Response: 6896670
Conc: 51.53 ug/ml



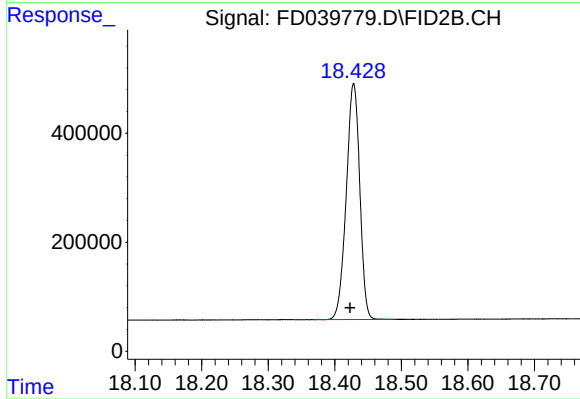
#16 n-Octacosane (C28)

R.T.: 16.718 min
Delta R.T.: 0.005 min
Response: 6810721
Conc: 51.58 ug/ml



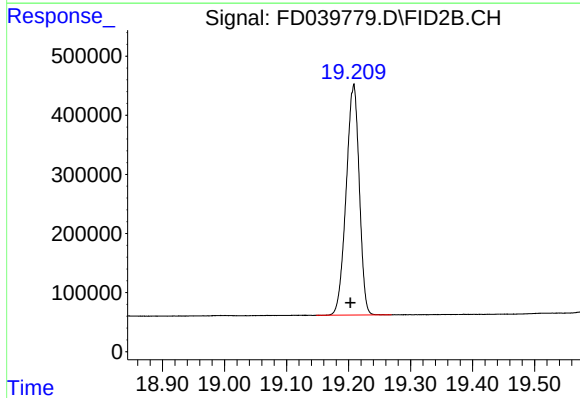
#17 n-Tricontane (C30)

R.T.: 17.600 min
Delta R.T.: 0.004 min
Response: 6541932
Conc: 51.84 ug/ml



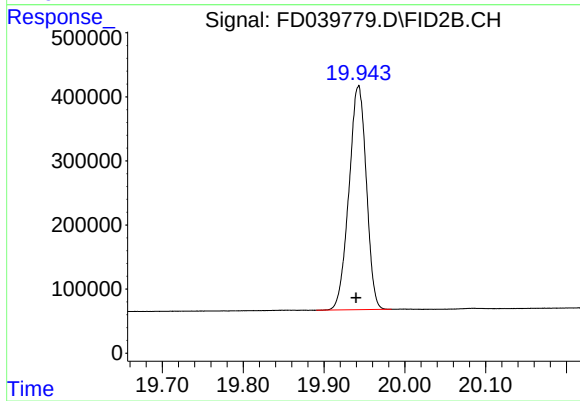
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: 0.005 min
Response: 6101734
Conc: 52.44 ug/ml



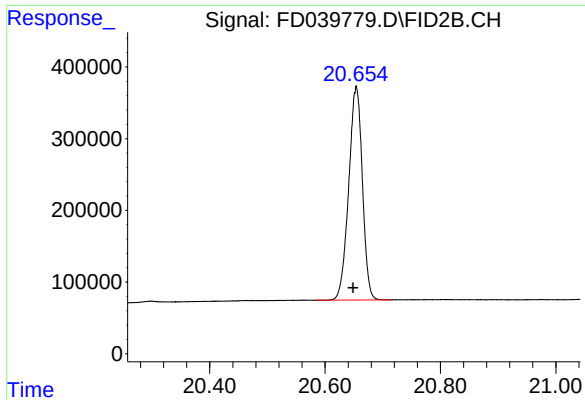
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: 0.005 min
Response: 5743352
Conc: 53.33 ug/ml



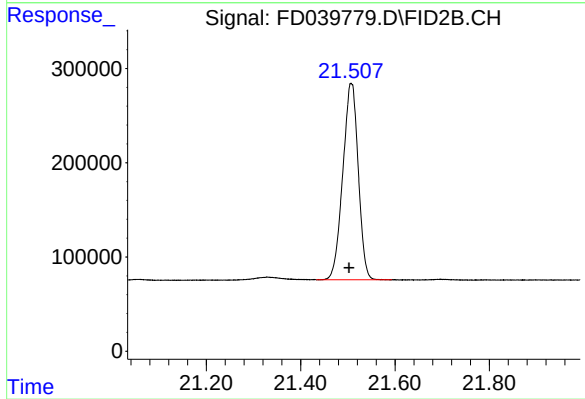
#20 n-Hexatriacontane (C36)

R.T.: 19.943 min
Delta R.T.: 0.003 min
Response: 5221174
Conc: 52.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: 0.005 min
Response: 4889808
Conc: 52.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: 0.004 min
Response: 4738521
Conc: 55.86 ug/ml