

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111721AL\
 Data File : FD039458.D
 Signal(s) : FID2B.CH
 Acq On : 17 Nov 2021 11:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 17 15:25:48 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)	11.658	2264607	17.749 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
12) S 1-chlorooctadecane (S...	13.085	1726264	16.610 ug/ml
Spiked Amount 50.000		Recovery =	33.22%
Target Compounds			
1) T n-Nonane (C9)	3.423	2103296	18.089 ug/ml
2) T n-Decane (C10)	4.491	2123422	18.163 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2330913	18.086 ug/ml
4) T n-Dodecane (C12)	6.506	2127433	17.980 ug/ml
5) T A~2-methylnaphthalene...	7.136	2306661	17.563 ug/ml
6) T n-Tetradecane (C14)	8.298	2103520	17.846 ug/ml
7) T n-Hexadecane (C16)	9.895	2079626	17.354 ug/ml
8) T n-Octadecane (C18)	11.334	2114119	17.274 ug/ml
10) T n-Eicosane (C20)	12.640	2093518	16.975 ug/ml
11) T n-Heneicosane (C21)	13.250	2086817	16.664 ug/ml
13) T n-Docosane (C22)	13.835	2064865	16.625 ug/ml
14) T n-Tetracosane (C24)	14.934	2080009	16.756 ug/ml
15) T n-Hexacosane (C26)	15.951	2008838	16.353 ug/ml
16) T n-Octacosane (C28)	16.897	1970893	16.929 ug/ml
17) T n-Tricontane (C30)	17.781	1928949	16.376 ug/ml
18) T n-Dotriacontane (C32)	18.609	1877545	16.422 ug/ml
19) T n-Tetratriacontane (C34)	19.390	1844793	17.404 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1777631	17.450 ug/ml
21) T n-Octatriacontane (C38)	20.865	1702108	17.737 ug/ml
22) T n-Tetracontane (C40)	21.783	1674644	18.153 ug/ml

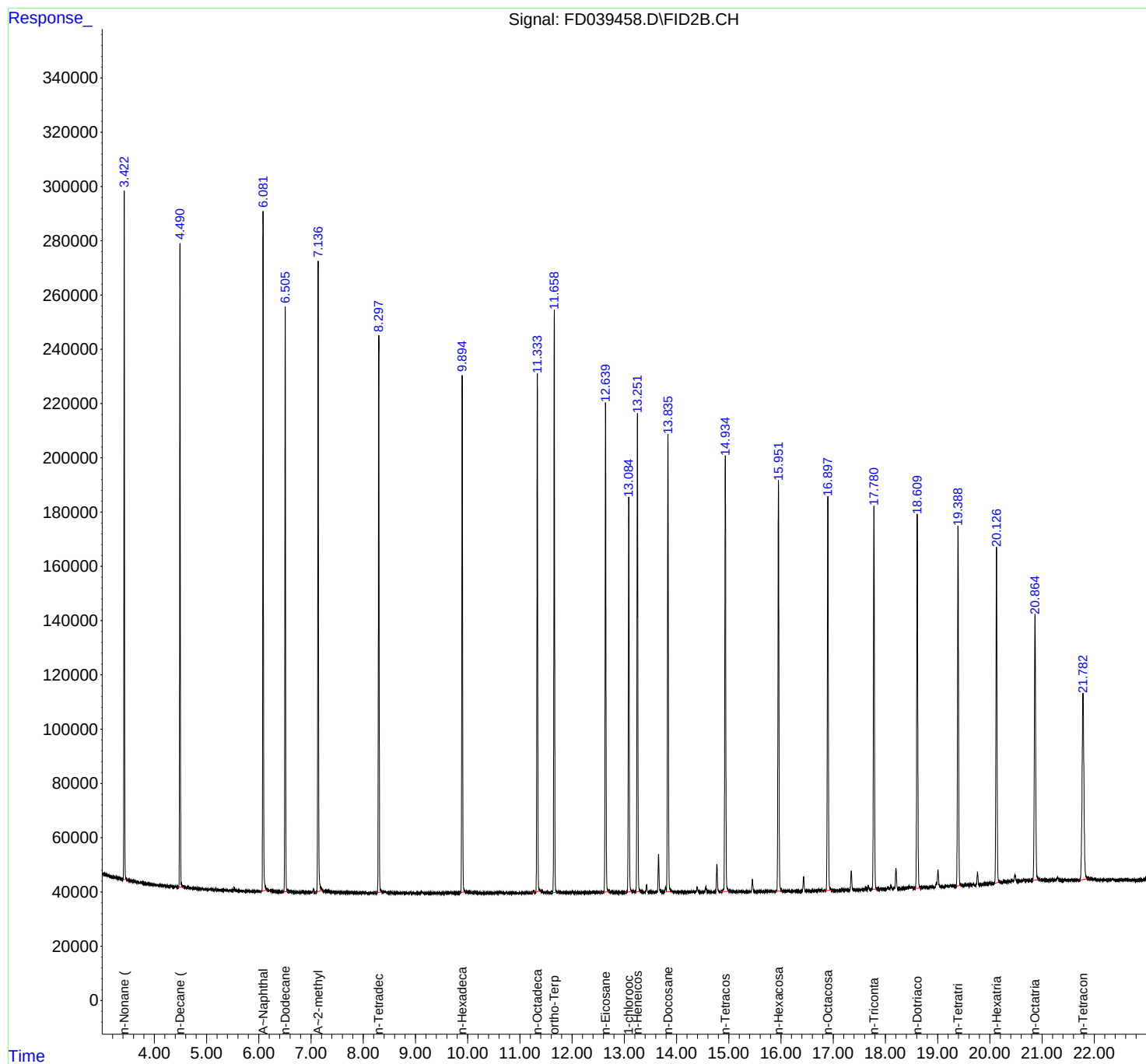
(f)=RT Delta > 1/2 Window

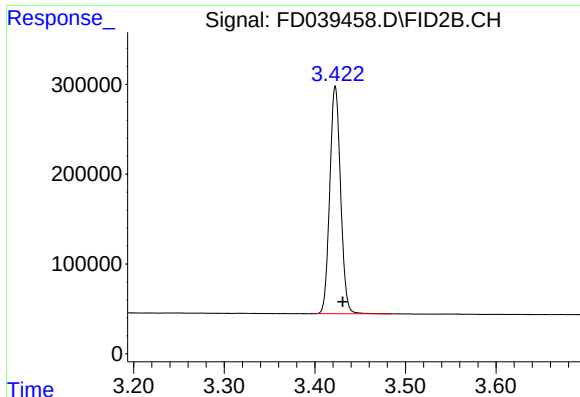
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD11721AL\
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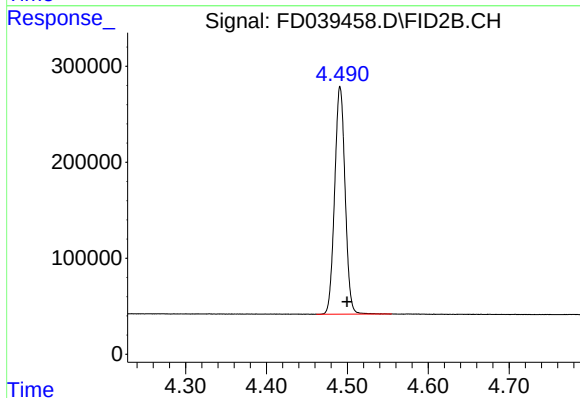
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





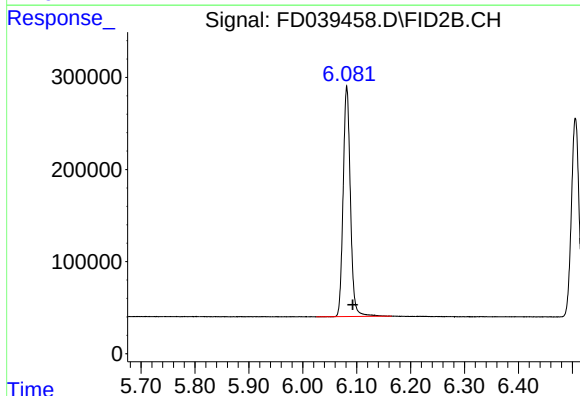
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: -0.008 min
Response: 2103296
Conc: 18.09 ug/ml



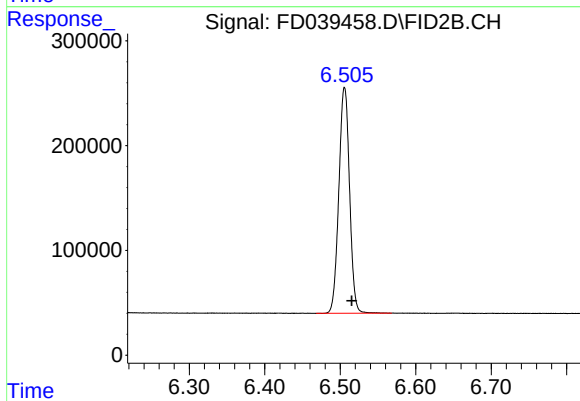
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.008 min
Response: 2123422
Conc: 18.16 ug/ml



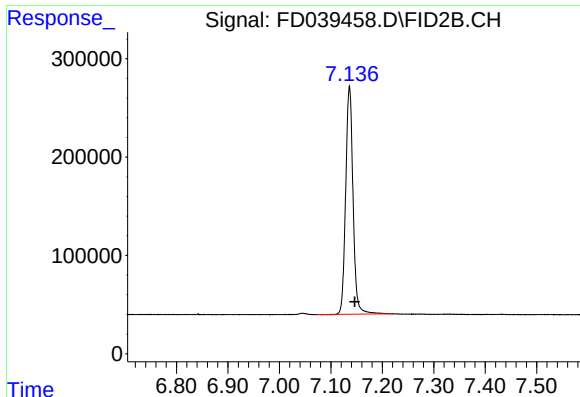
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.011 min
Response: 2330913
Conc: 18.09 ug/ml



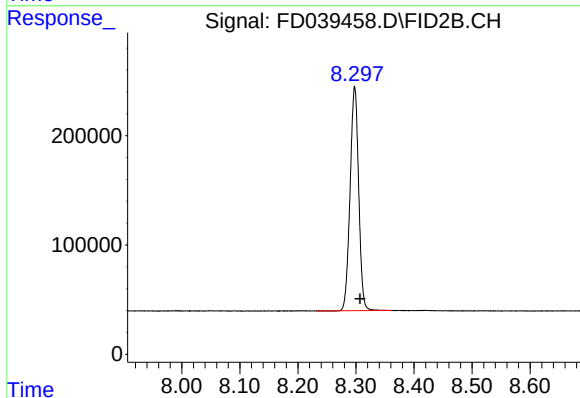
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.009 min
Response: 2127433
Conc: 17.98 ug/ml



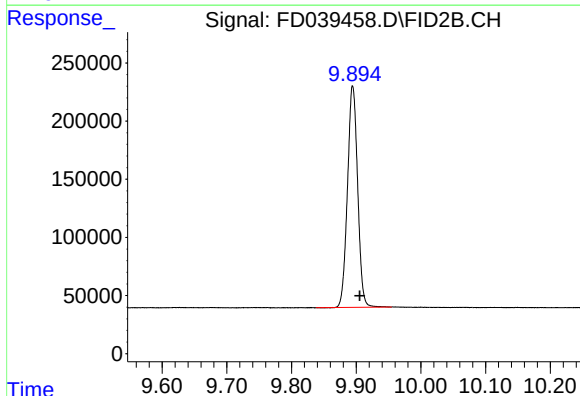
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.011 min
Response: 2306661
Conc: 17.56 ug/ml



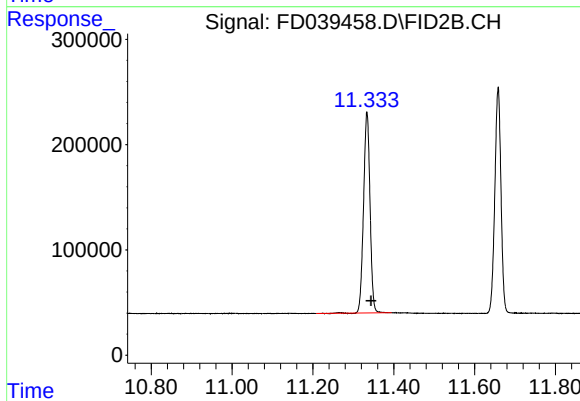
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: -0.009 min
Response: 2103520
Conc: 17.85 ug/ml



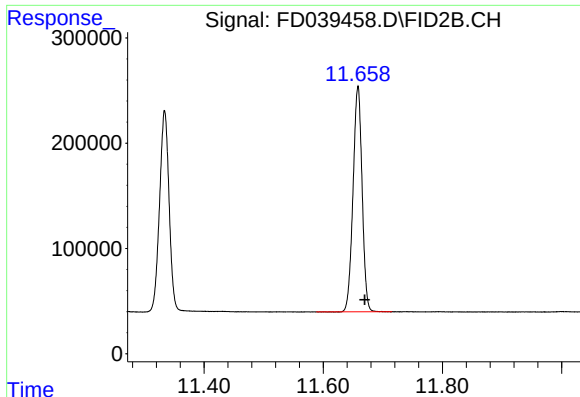
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.011 min
Response: 2079626
Conc: 17.35 ug/ml



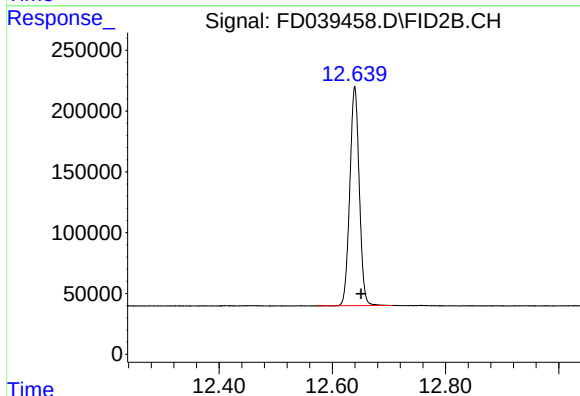
#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: -0.010 min
Response: 2114119
Conc: 17.27 ug/ml



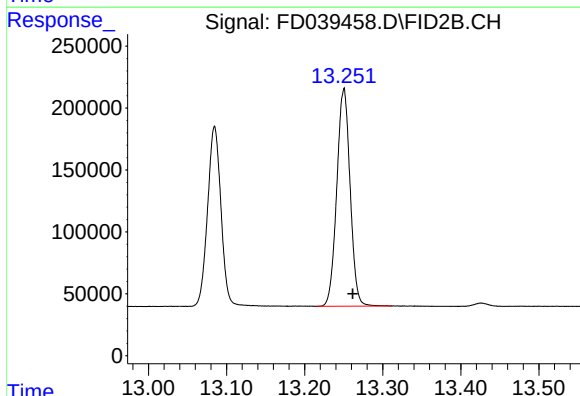
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.011 min
Response: 2264607
Conc: 17.75 ug/ml



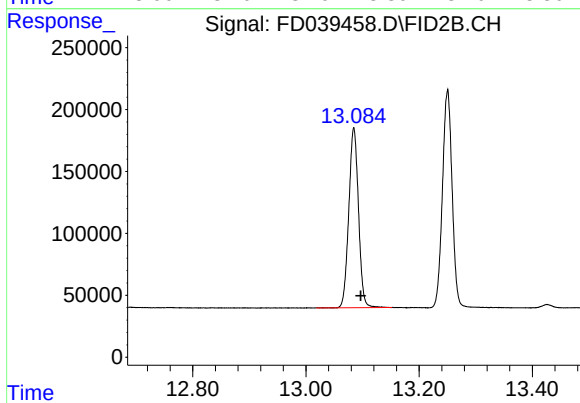
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.011 min
Response: 2093518
Conc: 16.97 ug/ml



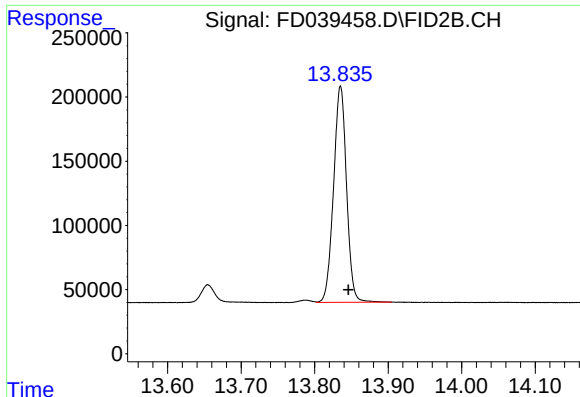
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.011 min
Response: 2086817
Conc: 16.66 ug/ml



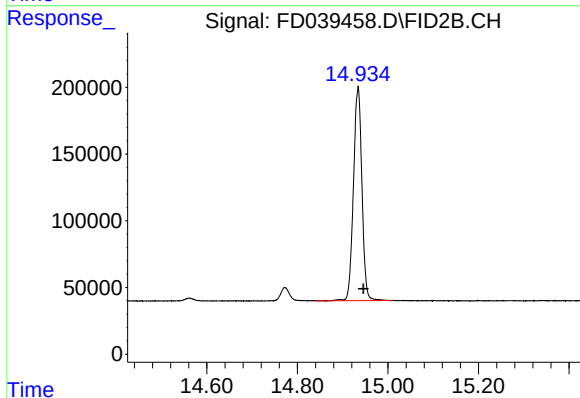
#12 1-chlorooctadecane (SURR)

R.T.: 13.085 min
Delta R.T.: -0.012 min
Response: 1726264
Conc: 16.61 ug/ml



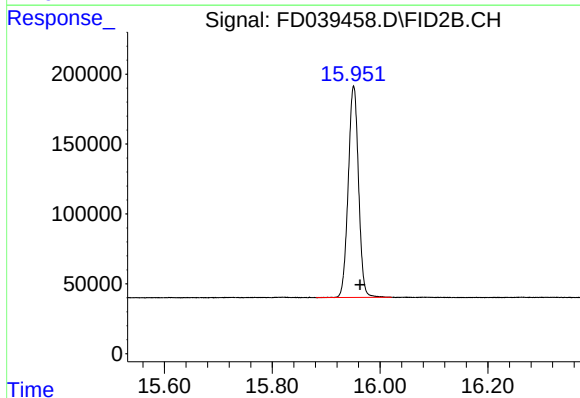
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.011 min
Response: 2064865
Conc: 16.62 ug/ml



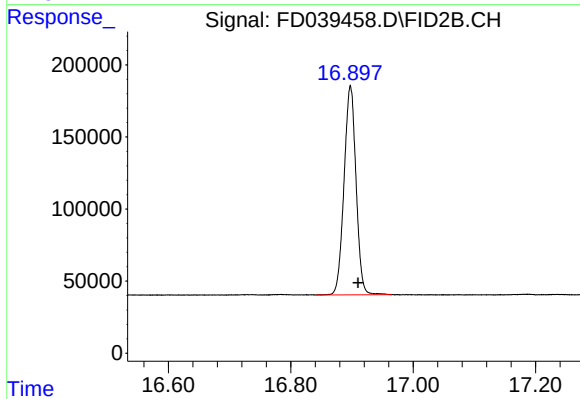
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.012 min
Response: 2080009
Conc: 16.76 ug/ml



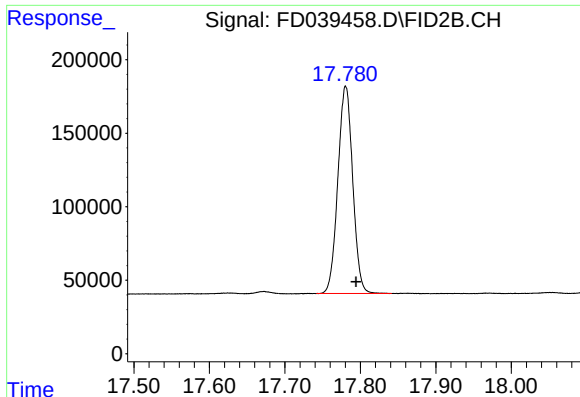
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: -0.012 min
Response: 2008838
Conc: 16.35 ug/ml



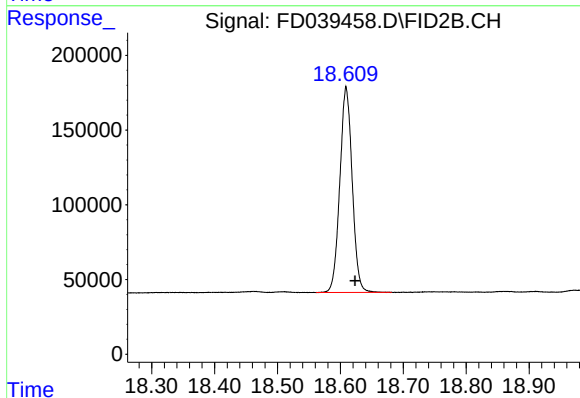
#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.012 min
Response: 1970893
Conc: 16.93 ug/ml



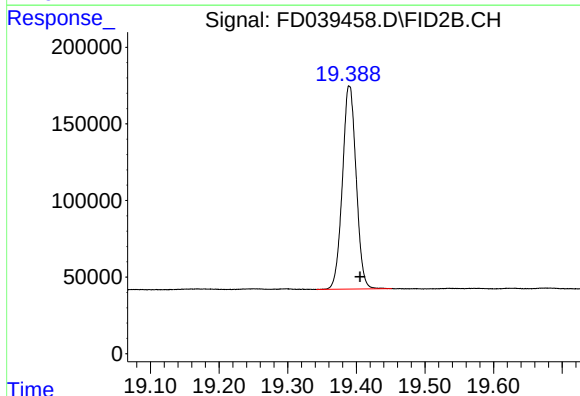
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: -0.014 min
Response: 1928949
Conc: 16.38 ug/ml



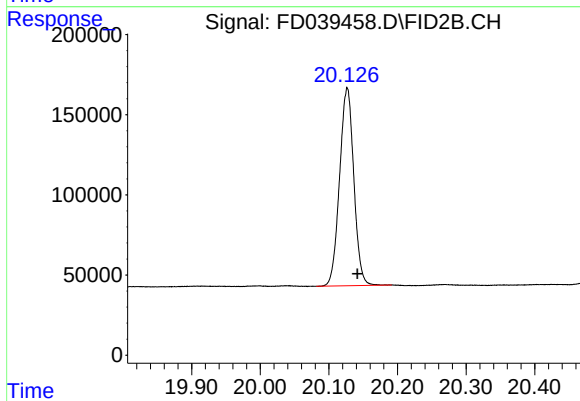
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.014 min
Response: 1877545
Conc: 16.42 ug/ml



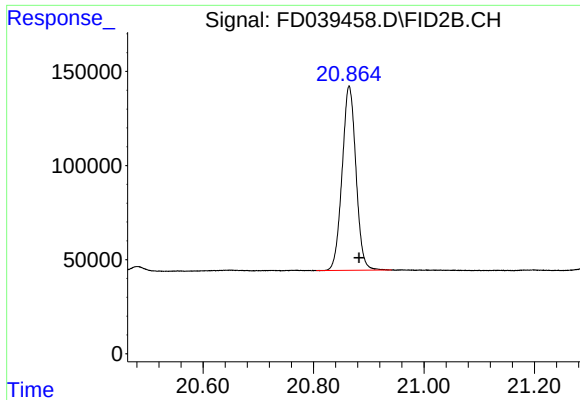
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.015 min
Response: 1844793
Conc: 17.40 ug/ml



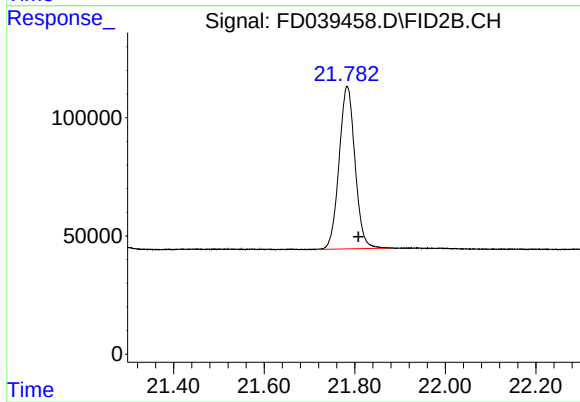
#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.015 min
Response: 1777631
Conc: 17.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.018 min
Response: 1702108
Conc: 17.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.783 min
Delta R.T.: -0.025 min
Response: 1674644
Conc: 18.15 ug/ml