

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111721AL\
 Data File : FD039480.D
 Signal(s) : FID2B.CH
 Acq On : 18 Nov 2021 4:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 18 05:01:19 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	2405645	18.855 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.086	1856795	17.866 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T n-Nonane (C9)	3.423	2229317	19.173 ug/ml
2) T n-Decane (C10)	4.491	2255731	19.295 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2484113	19.275 ug/ml
4) T n-Dodecane (C12)	6.506	2254794	19.056 ug/ml
5) T A~2-methylnaphthalene...	7.136	2481964	18.898 ug/ml
6) T n-Tetradecane (C14)	8.298	2255828	19.139 ug/ml
7) T n-Hexadecane (C16)	9.895	2237847	18.675 ug/ml
8) T n-Octadecane (C18)	11.334	2277148	18.606 ug/ml
10) T n-Eicosane (C20)	12.641	2245154	18.204 ug/ml
11) T n-Heneicosane (C21)	13.251	2225580	17.772 ug/ml
13) T n-Docosane (C22)	13.835	2228743	17.944 ug/ml
14) T n-Tetracosane (C24)	14.935	2310099	18.609 ug/ml
15) T n-Hexacosane (C26)	15.952	2230945	18.161 ug/ml
16) T n-Octacosane (C28)	16.899	2184058	18.760 ug/ml
17) T n-Tricontane (C30)	17.783	2143685	18.199 ug/ml
18) T n-Dotriacontane (C32)	18.612	2074233	18.142 ug/ml
19) T n-Tetratriacontane (C34)	19.392	2017429	19.033 ug/ml
20) T n-Hexatriacontane (C36)	20.129	1921916	18.867 ug/ml
21) T n-Octatriacontane (C38)	20.868	1853141	19.311 ug/ml
22) T n-Tetracontane (C40)	21.788	1859416	20.155 ug/ml

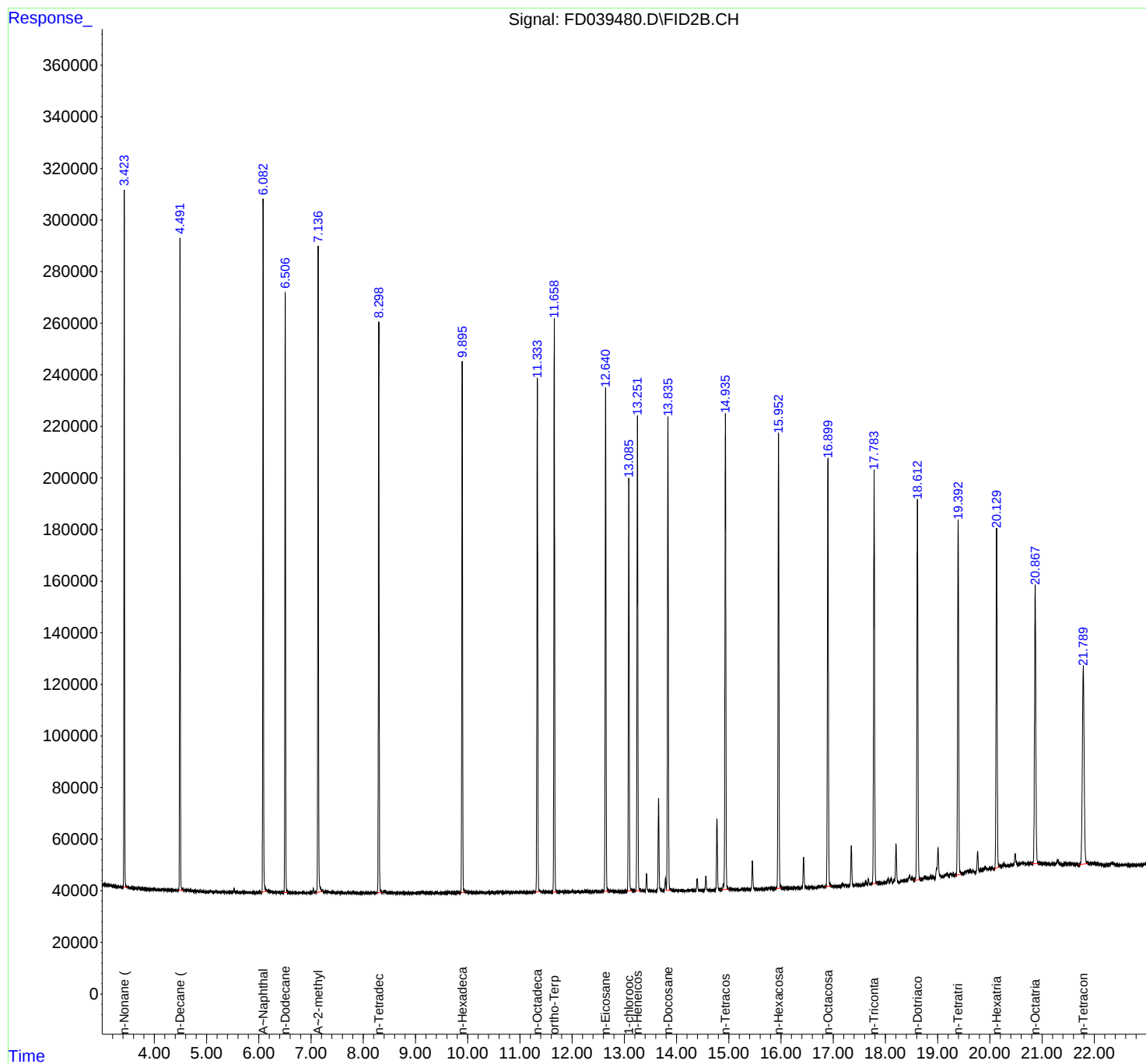
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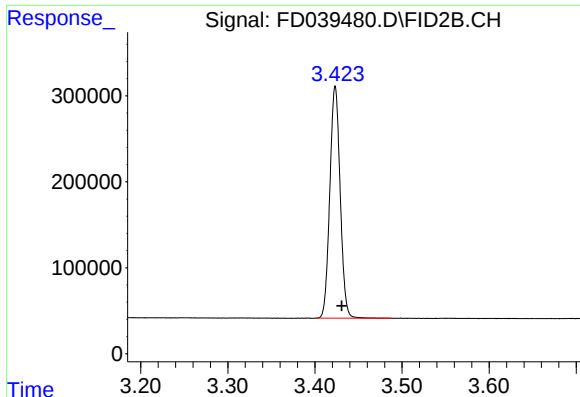
(m)=manual int.

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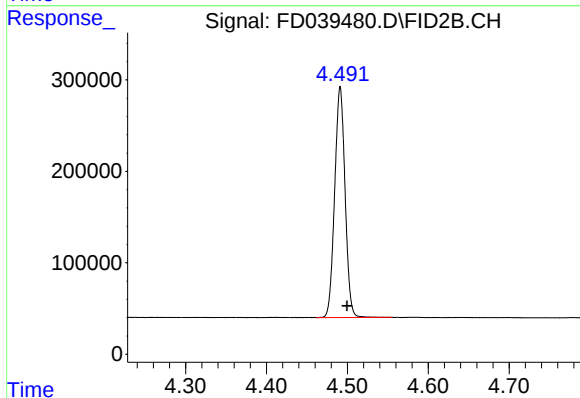
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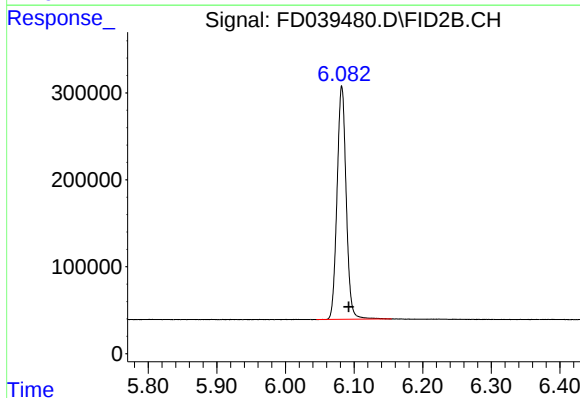
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: -0.008 min
Response: 2229317
Conc: 19.17 ug/ml



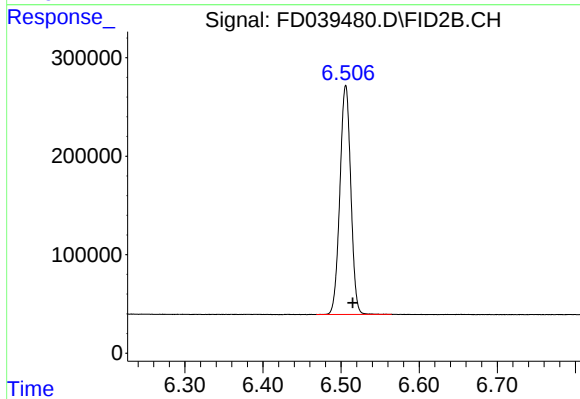
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.008 min
Response: 2255731
Conc: 19.29 ug/ml



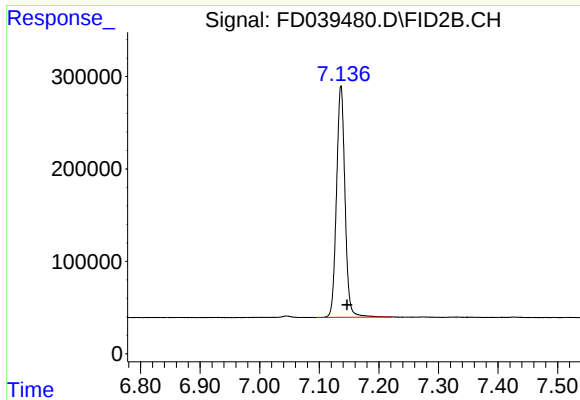
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.010 min
Response: 2484113
Conc: 19.27 ug/ml



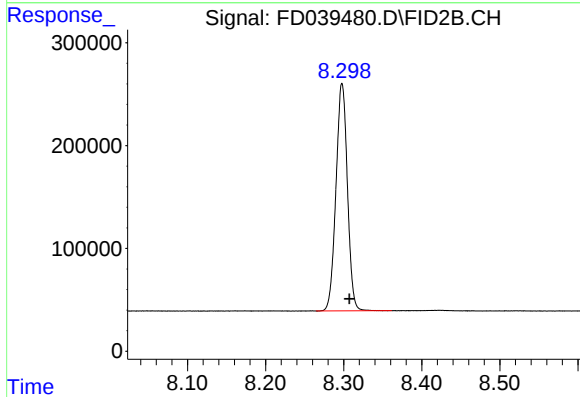
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.009 min
Response: 2254794
Conc: 19.06 ug/ml



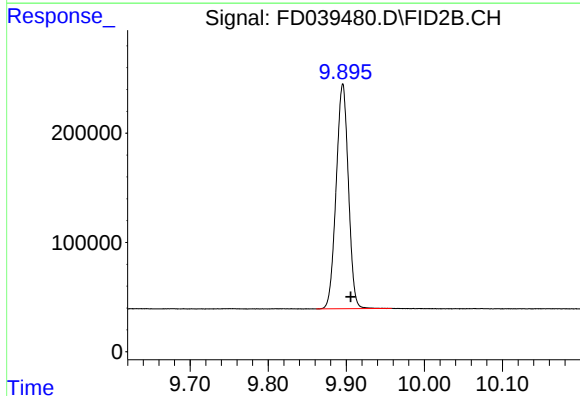
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.010 min
Response: 2481964
Conc: 18.90 ug/ml



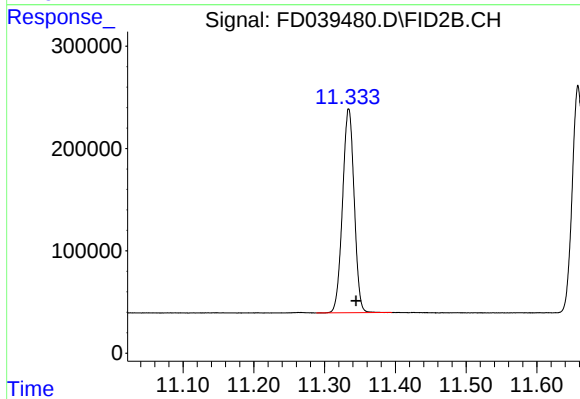
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: -0.009 min
Response: 2255828
Conc: 19.14 ug/ml



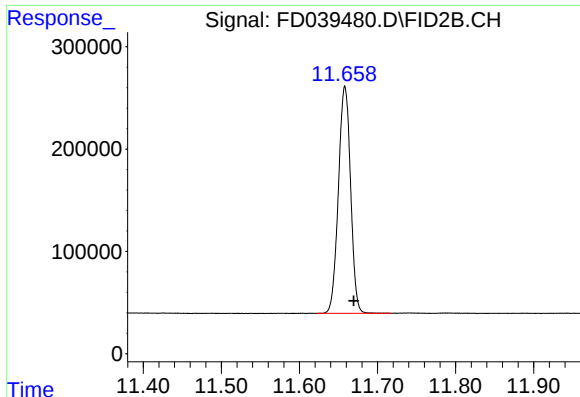
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.010 min
Response: 2237847
Conc: 18.67 ug/ml



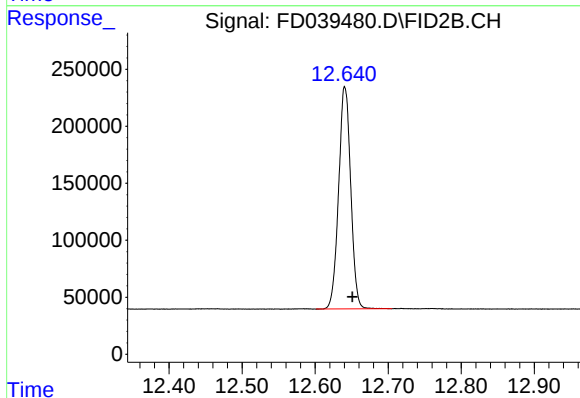
#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: -0.010 min
Response: 2277148
Conc: 18.61 ug/ml



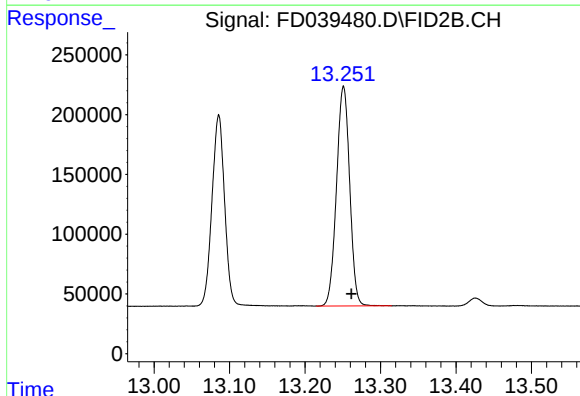
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.011 min
Response: 2405645
Conc: 18.85 ug/ml



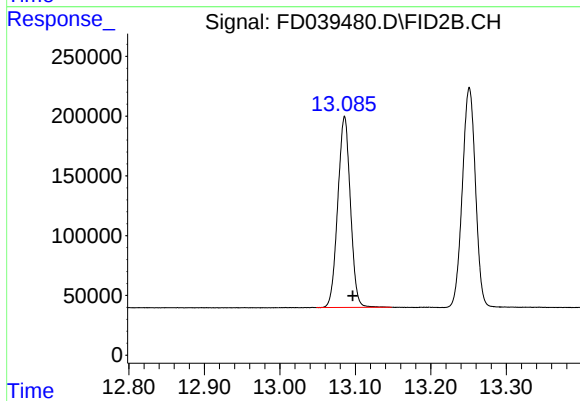
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.010 min
Response: 2245154
Conc: 18.20 ug/ml



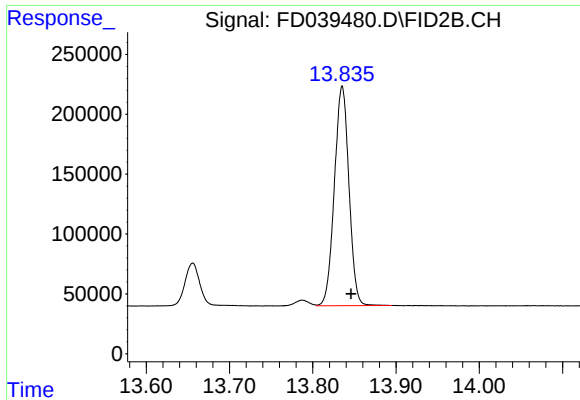
#11 n-Heneicosane (C21)

R.T.: 13.251 min
Delta R.T.: -0.010 min
Response: 2225580
Conc: 17.77 ug/ml



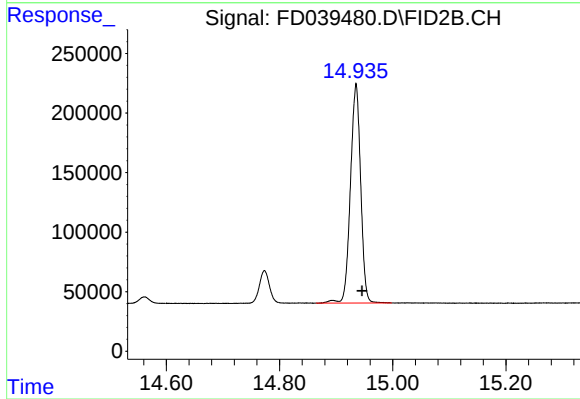
#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: -0.011 min
Response: 1856795
Conc: 17.87 ug/ml



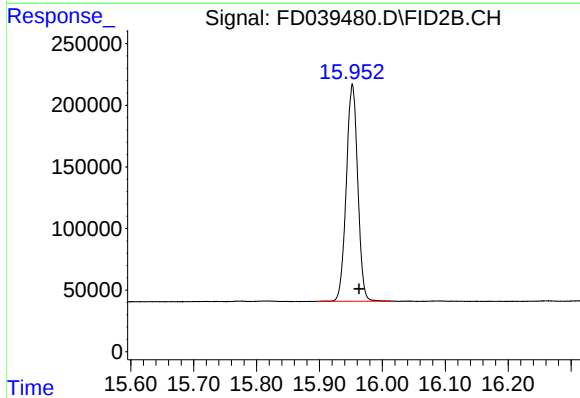
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.011 min
Response: 2228743
Conc: 17.94 ug/ml



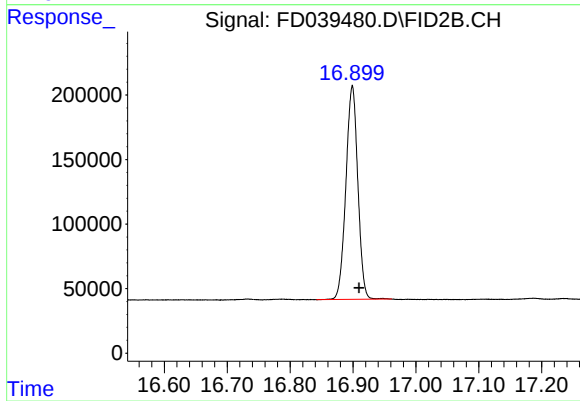
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.011 min
Response: 2310099
Conc: 18.61 ug/ml



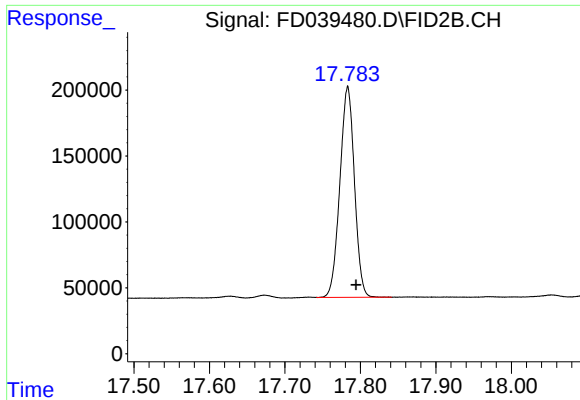
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: -0.011 min
Response: 2230945
Conc: 18.16 ug/ml



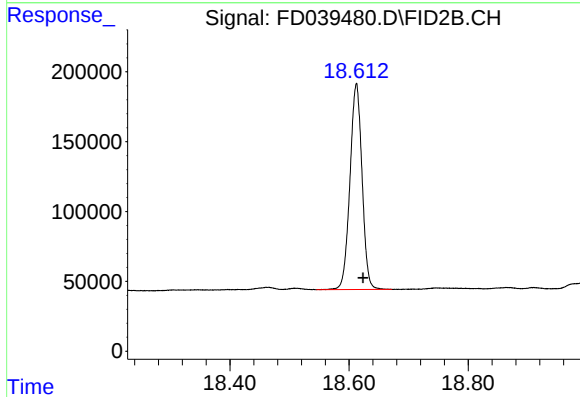
#16 n-Octacosane (C28)

R.T.: 16.899 min
Delta R.T.: -0.011 min
Response: 2184058
Conc: 18.76 ug/ml



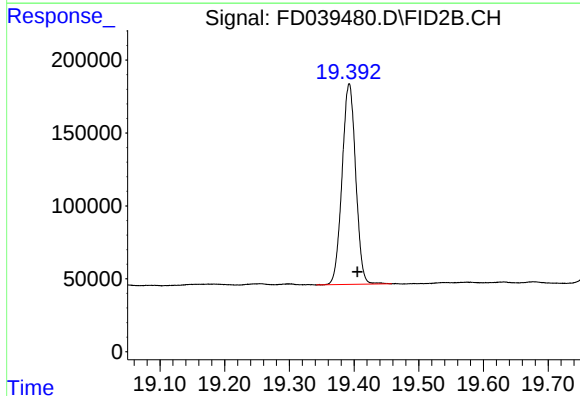
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.011 min
Response: 2143685
Conc: 18.20 ug/ml



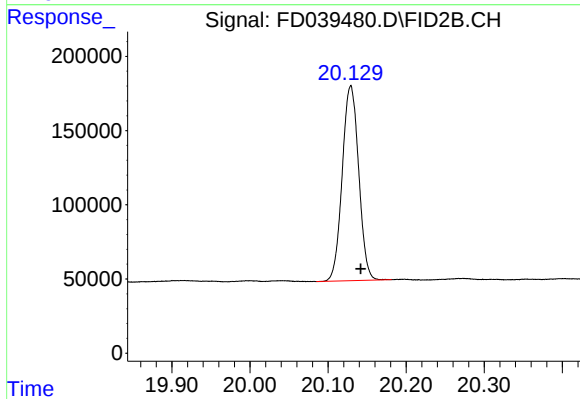
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: -0.011 min
Response: 2074233
Conc: 18.14 ug/ml



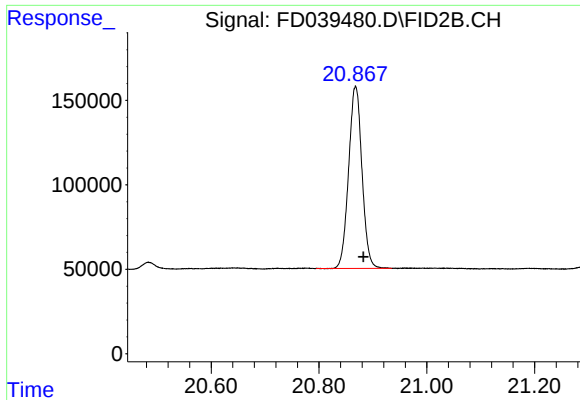
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.013 min
Response: 2017429
Conc: 19.03 ug/ml



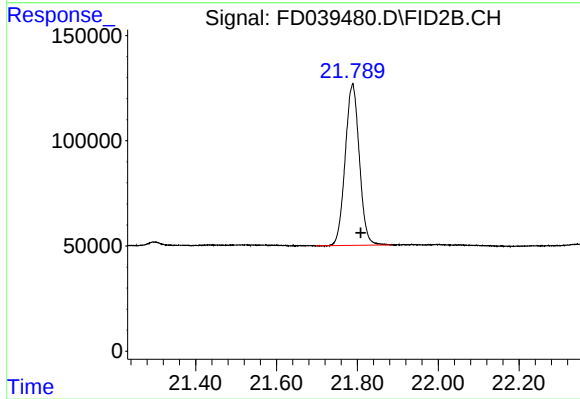
#20 n-Hexatriacontane (C36)

R.T.: 20.129 min
Delta R.T.: -0.013 min
Response: 1921916
Conc: 18.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.015 min
Response: 1853141
Conc: 19.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.788 min
Delta R.T.: -0.020 min
Response: 1859416
Conc: 20.16 ug/ml