

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AL\
 Data File : FD039284.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 3:14
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 27 04:04:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 03:42:01 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)	11.670	1241757	9.836 ug/ml
Spiked Amount 50.000		Recovery =	19.67%
12) S 1-chlorooctadecane (S...	13.097	1006797	9.786 ug/ml
Spiked Amount 50.000		Recovery =	19.57%
Target Compounds			
1) T n-Nonane (C9)	3.433	1130120	9.803 ug/ml
2) T n-Decane (C10)	4.501	1136207	9.809 ug/ml
3) T A~Naphthalene (C11.7)	6.093	1246570	9.713 ug/ml
4) T n-Dodecane (C12)	6.516	1150850	9.814 ug/ml
5) T A~2-methylnaphthalene...	7.147	1265894	9.652 ug/ml
6) T n-Tetradecane (C14)	8.308	1145484	9.812 ug/ml
7) T n-Hexadecane (C16)	9.906	1160900	9.772 ug/ml
8) T n-Octadecane (C18)	11.345	1190166	9.832 ug/ml
10) T n-Eicosane (C20)	12.652	1198182	9.816 ug/ml
11) T n-Heneicosane (C21)	13.262	1215132	9.806 ug/ml
13) T n-Docosane (C22)	13.847	1205983	9.807 ug/ml
14) T n-Tetracosane (C24)	14.947	1208507	9.852 ug/ml
15) T n-Hexacosane (C26)	15.965	1191141	9.800 ug/ml
16) T n-Octacosane (C28)	16.911	1125075	9.744 ug/ml
17) T n-Tricontane (C30)	17.795	1147855	9.902 ug/ml
18) T n-Dotriacontane (C32)	18.625	1124247	10.053 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1041222	10.011 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1002478	10.024 ug/ml
21) T n-Octatriacontane (C38)	20.883	934658	9.892 ug/ml
22) T n-Tetracontane (C40)	21.811	902920	9.876 ug/mlm

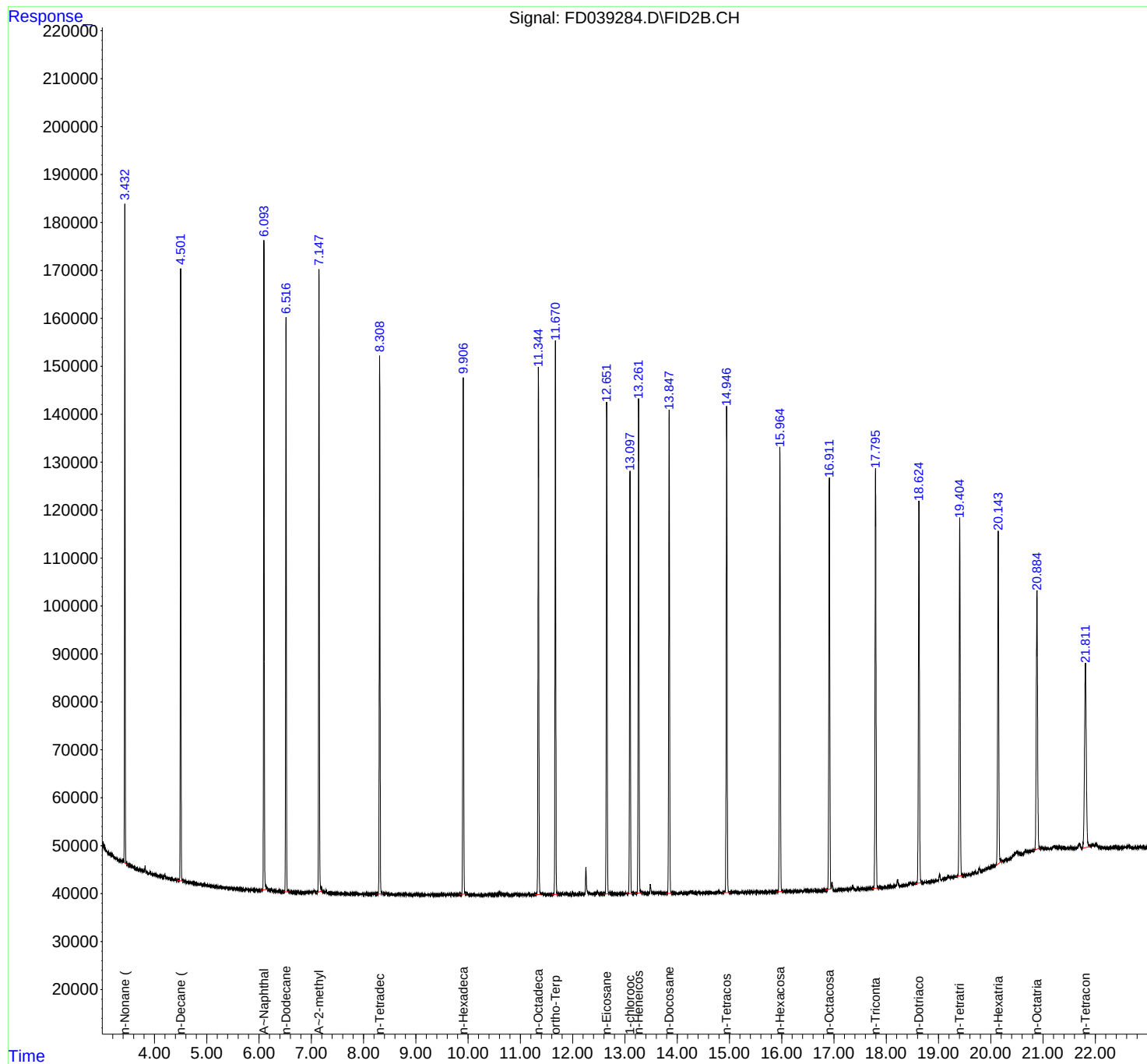
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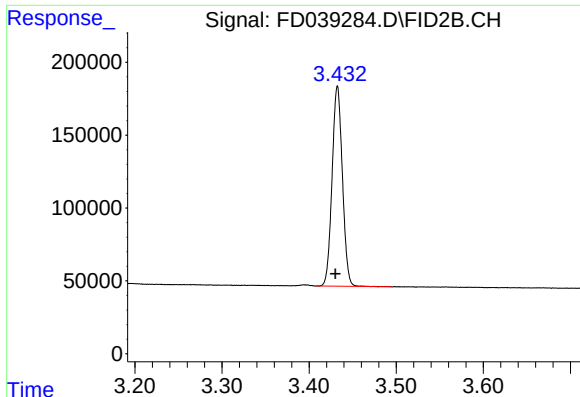
(m)=manual int.

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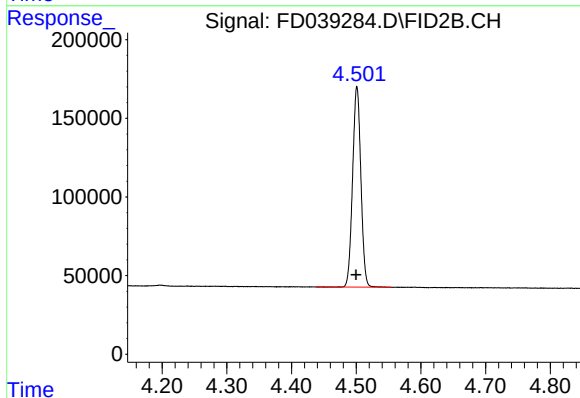
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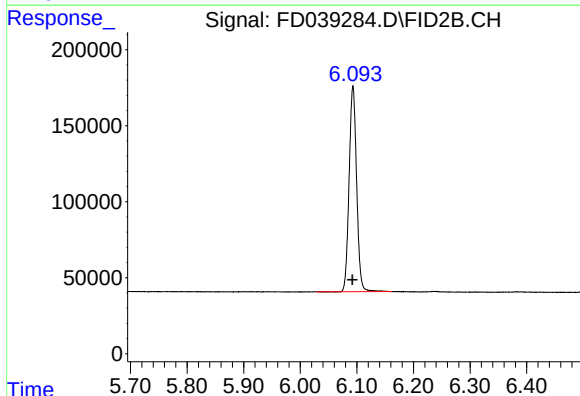
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: 0.003 min
Response: 1130120
Conc: 9.80 ug/ml



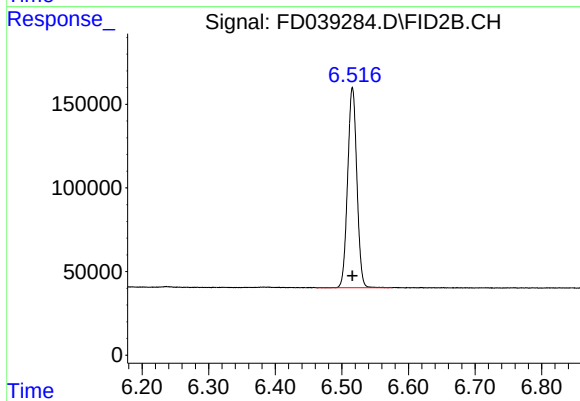
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.002 min
Response: 1136207
Conc: 9.81 ug/ml



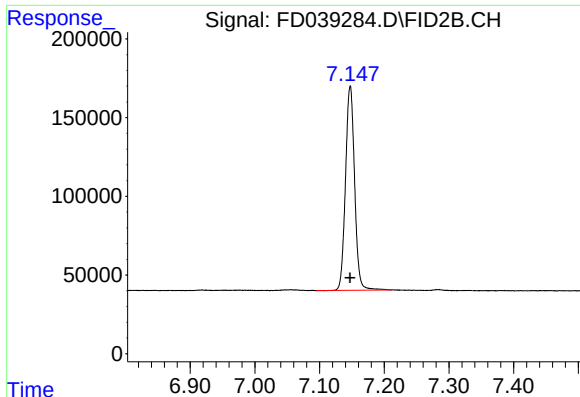
#3 A~Naphthalene (C11.7)

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 1246570
Conc: 9.71 ug/ml



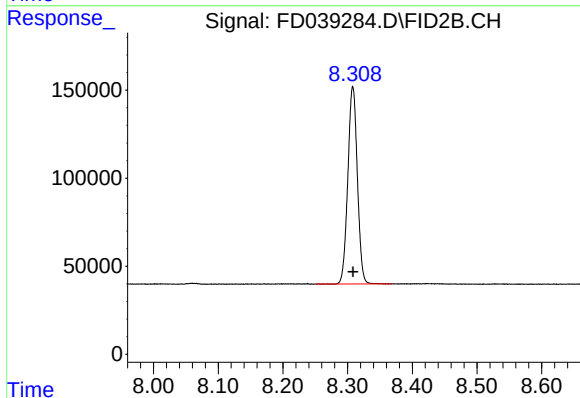
#4 n-Dodecane (C12)

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 1150850
Conc: 9.81 ug/ml



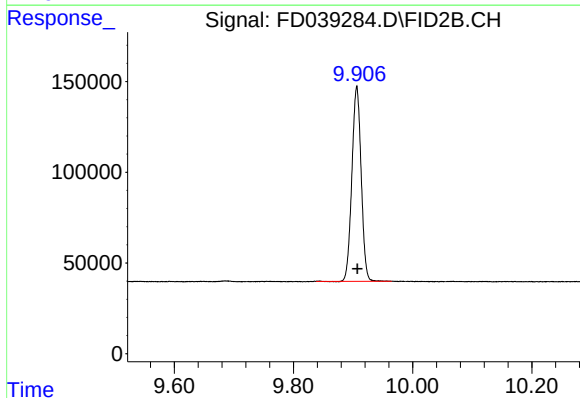
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 1265894
Conc: 9.65 ug/ml



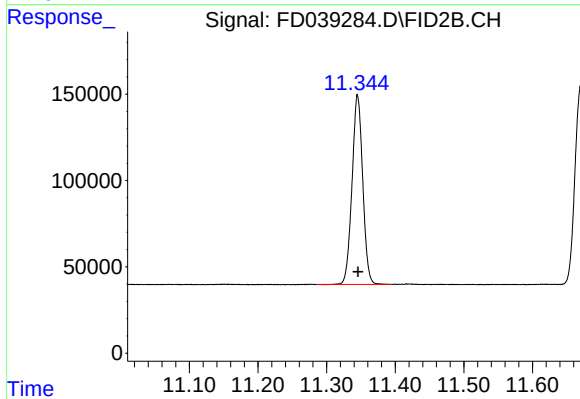
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 1145484
Conc: 9.81 ug/ml



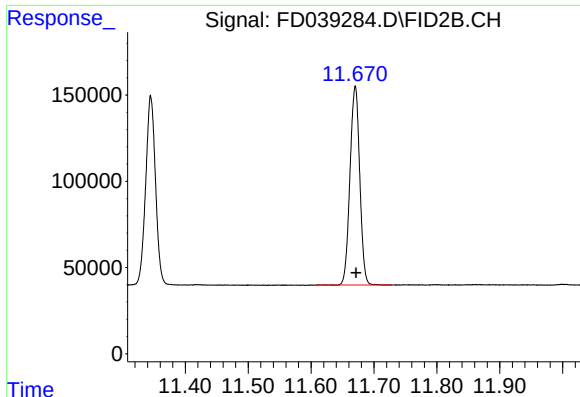
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.000 min
Response: 1160900
Conc: 9.77 ug/ml



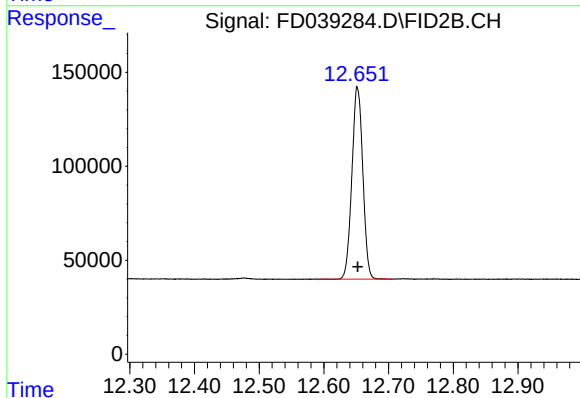
#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 1190166
Conc: 9.83 ug/ml



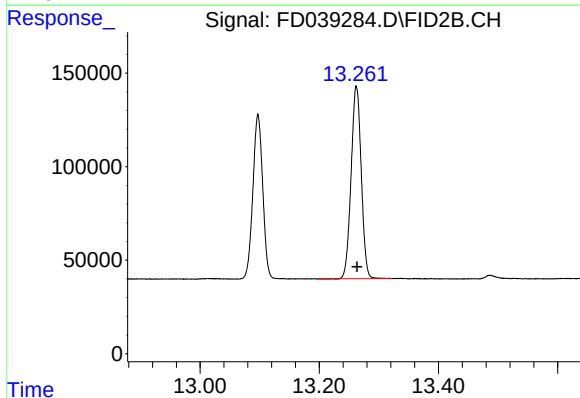
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: -0.001 min
Response: 1241757
Conc: 9.84 ug/ml



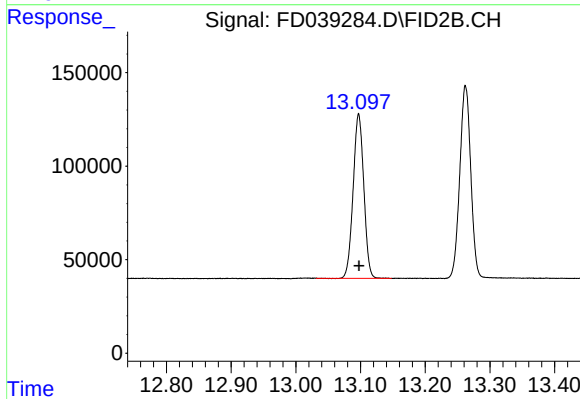
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: 0.000 min
Response: 1198182
Conc: 9.82 ug/ml



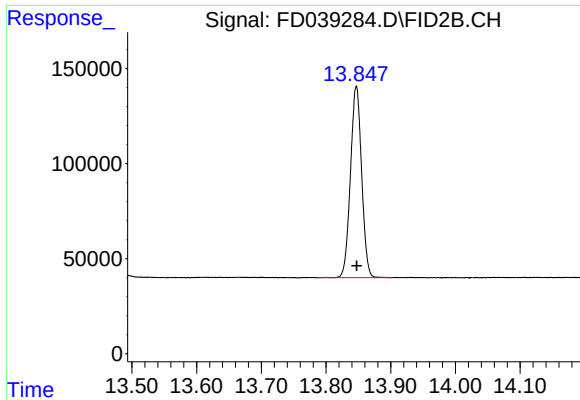
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.000 min
Response: 1215132
Conc: 9.81 ug/ml



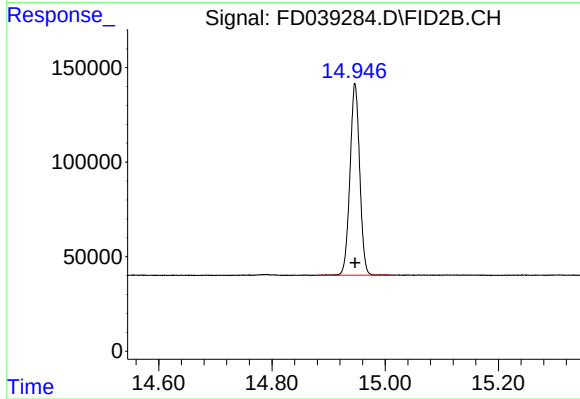
#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: 0.000 min
Response: 1006797
Conc: 9.79 ug/ml



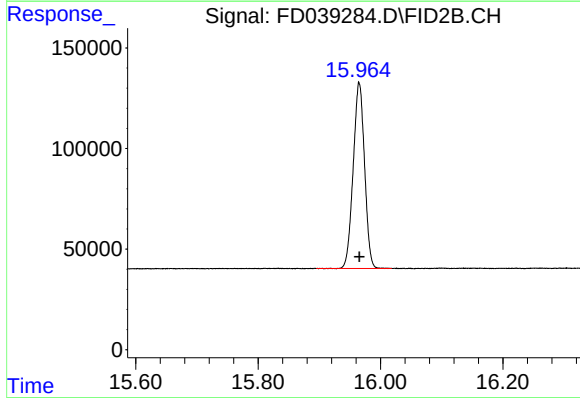
#13 n-Docosane (C22)

R.T.: 13.847 min
Delta R.T.: 0.000 min
Response: 1205983
Conc: 9.81 ug/ml



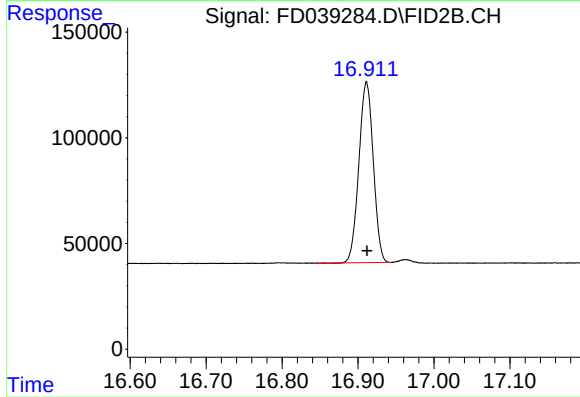
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: 0.000 min
Response: 1208507
Conc: 9.85 ug/ml



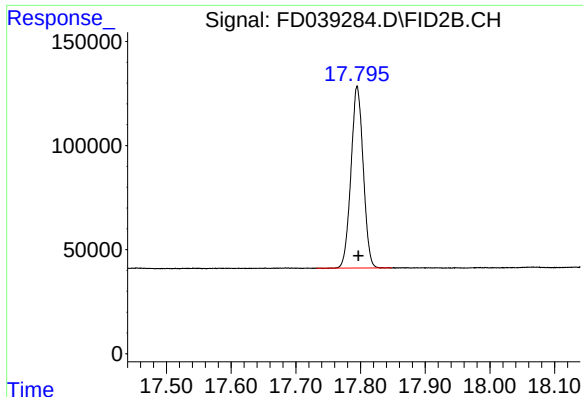
#15 n-Hexacosane (C26)

R.T.: 15.965 min
Delta R.T.: 0.000 min
Response: 1191141
Conc: 9.80 ug/ml



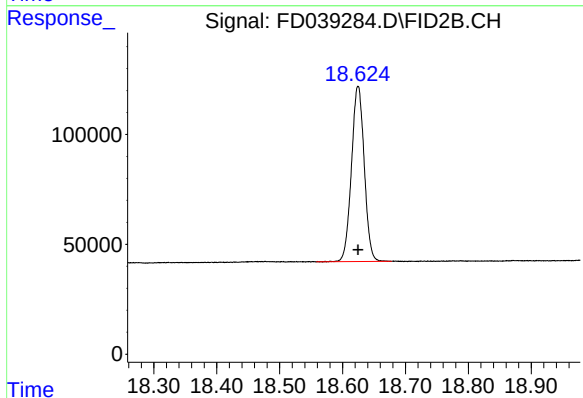
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: 0.000 min
Response: 1125075
Conc: 9.74 ug/ml



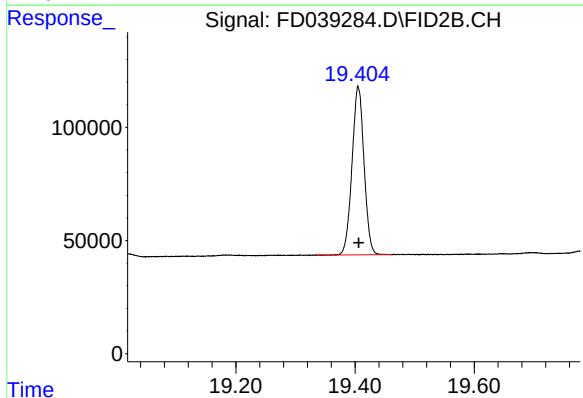
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.002 min
Response: 1147855
Conc: 9.90 ug/ml



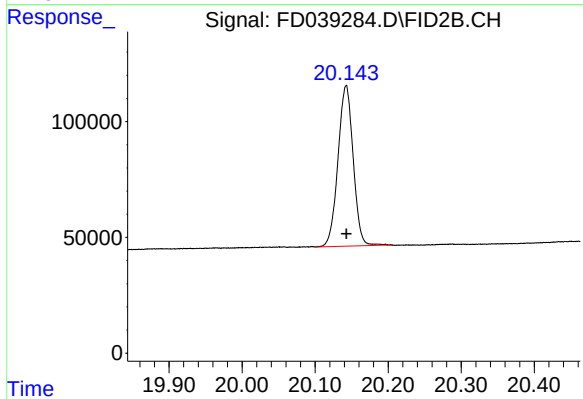
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 1124247
Conc: 10.05 ug/ml



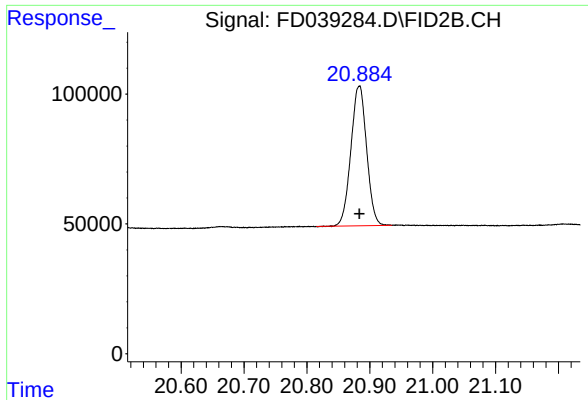
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: 0.000 min
Response: 1041222
Conc: 10.01 ug/ml



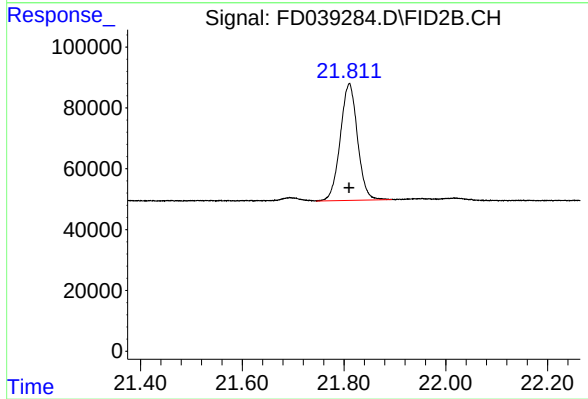
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 1002478
Conc: 10.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: 0.000 min
Response: 934658
Conc: 9.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: 0.000 min
Response: 902920
Conc: 9.88 ug/ml m