

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052422AL\
 Data File : FD042641.D
 Signal(s) : FID2B.CH
 Acq On : 25 May 2022 3:13
 Operator : UA/NP
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 05:04:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052422.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 05:03:16 2022
 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)	11.198	1907322	10.968 ug/ml
Spiked Amount 50.000		Recovery =	21.94%
12) S 1-chlorooctadecane (S...	12.635	1473869	10.837 ug/ml
Spiked Amount 50.000		Recovery =	21.67%
Target Compounds			
1) T n-Nonane (C9)	3.074	1485878	10.756 ug/ml
2) T n-Decane (C10)	4.119	1455749	10.679 ug/ml
3) T A~Naphthalene (C11.7)	5.676	1437986	9.890 ug/ml
4) T n-Dodecane (C12)	6.111	1557255	10.769 ug/ml
5) T A~2-methylnaphthalene...	6.724	1342132	9.490 ug/ml
6) T n-Tetradecane (C14)	7.886	1572349	10.792 ug/ml
7) T n-Hexadecane (C16)	9.471	1619106	10.832 ug/ml
8) T n-Octadecane (C18)	10.899	1693895	10.885 ug/ml
10) T n-Eicosane (C20)	12.198	1748625	10.963 ug/ml
11) T n-Heneicosane (C21)	12.805	1779357	11.031 ug/ml
13) T n-Docosane (C22)	13.386	1785884	11.004 ug/ml
14) T n-Tetracosane (C24)	14.482	1784610	10.998 ug/ml
15) T n-Hexacosane (C26)	15.496	1745845	10.953 ug/ml
16) T n-Octacosane (C28)	16.439	1654260	10.848 ug/ml
17) T n-Tricontane (C30)	17.321	1517489	10.748 ug/ml
18) T n-Dotriacontane (C32)	18.148	1336145	10.719 ug/ml
19) T n-Tetratriacontane (C34)	18.927	1176862	10.779 ug/ml
20) T n-Hexatriacontane (C36)	19.662	1017788	10.467 ug/ml
21) T n-Octatriacontane (C38)	20.359	753323	8.867 ug/ml
22) T n-Tetracontane (C40)	21.129	535521	8.971 ug/ml

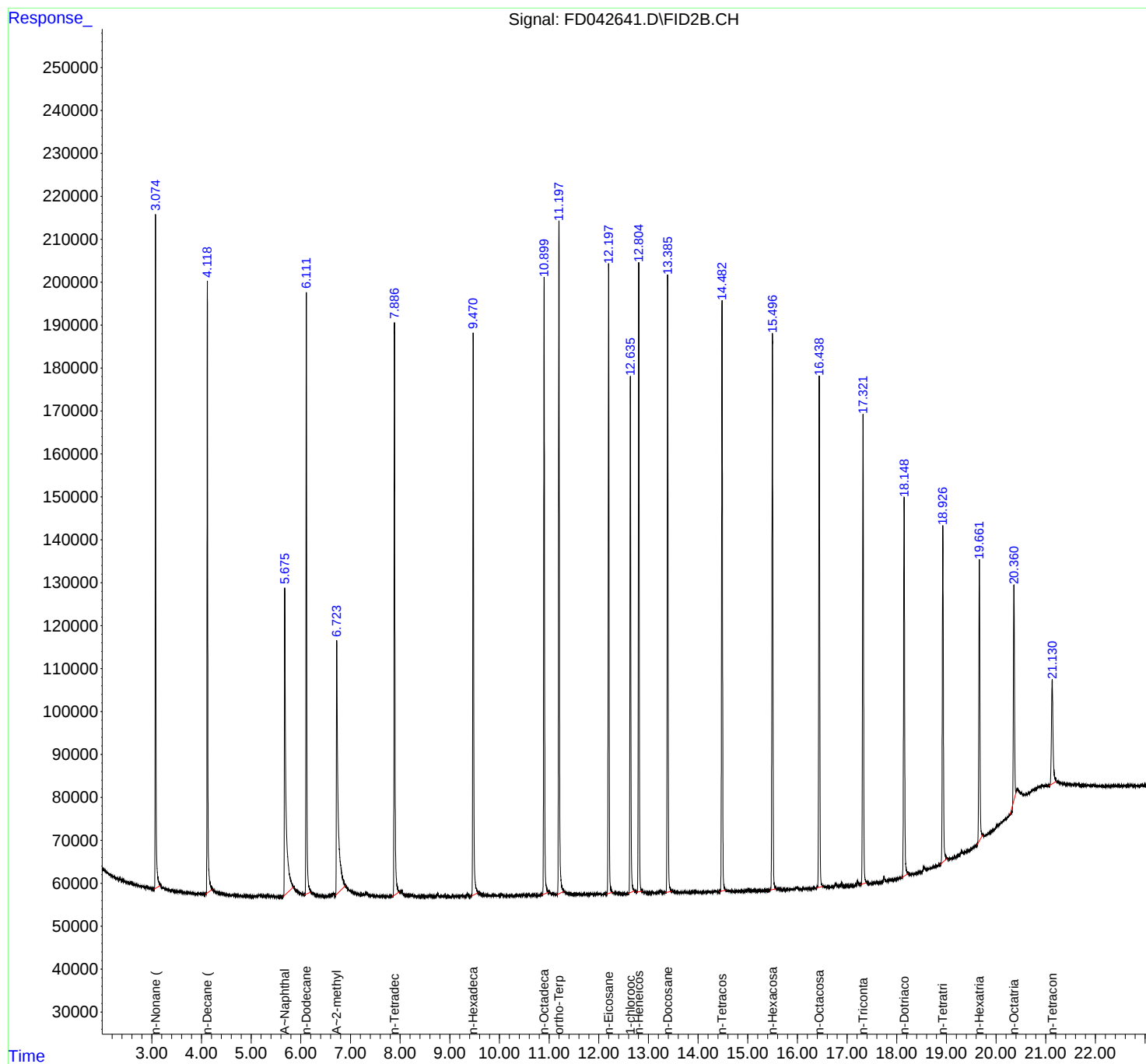
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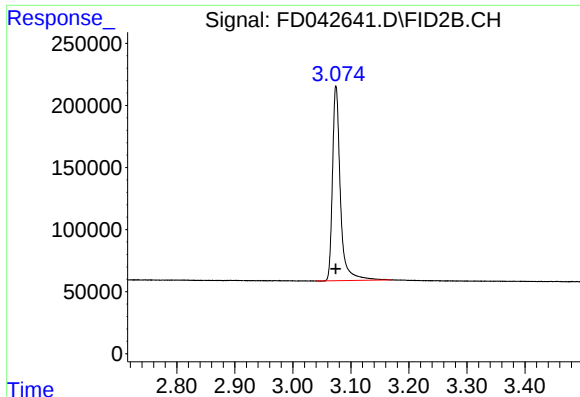
(m)=manual int.

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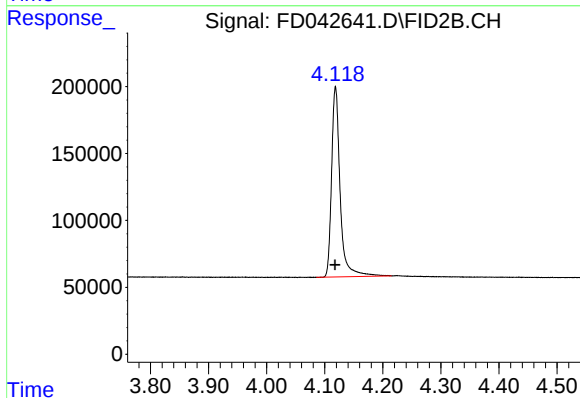
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





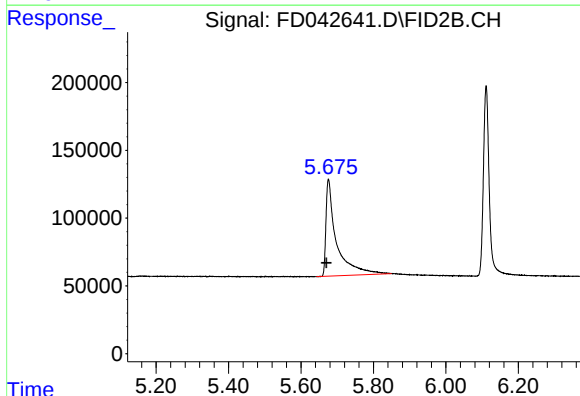
#1 n-Nonane (C9)

R.T.: 3.074 min
Delta R.T.: 0.000 min
Response: 1485878
Conc: 10.76 ug/ml



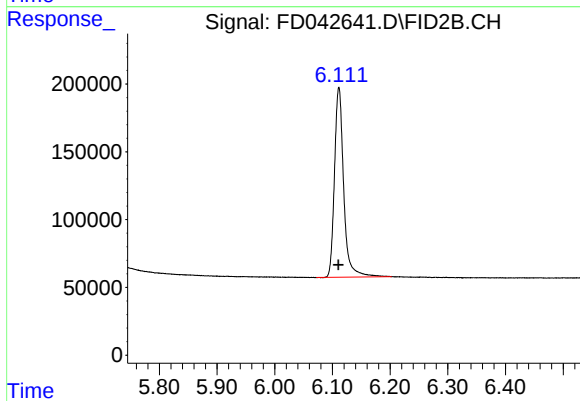
#2 n-Decane (C10)

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 1455749
Conc: 10.68 ug/ml



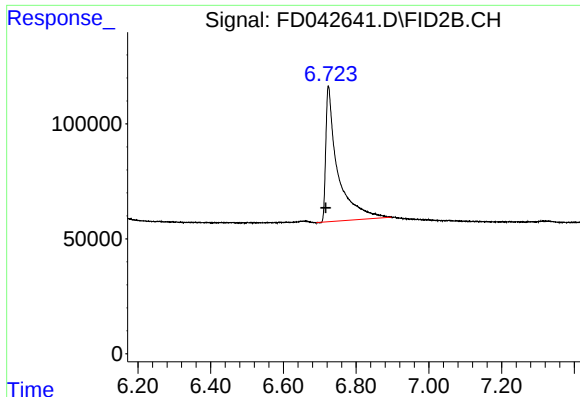
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: 0.005 min
Response: 1437986
Conc: 9.89 ug/ml



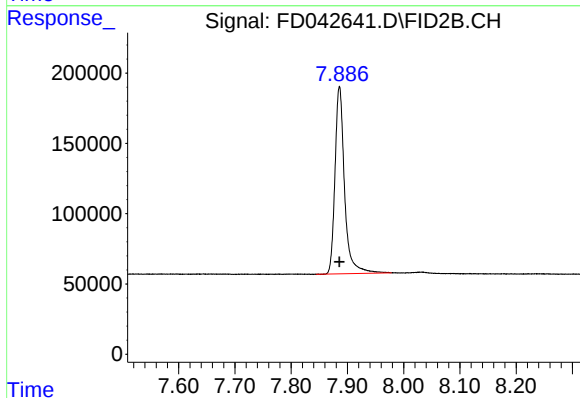
#4 n-Dodecane (C12)

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 1557255
Conc: 10.77 ug/ml



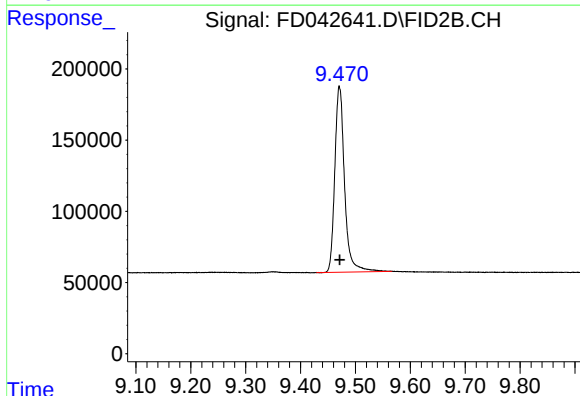
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: 0.008 min
Response: 1342132
Conc: 9.49 ug/ml



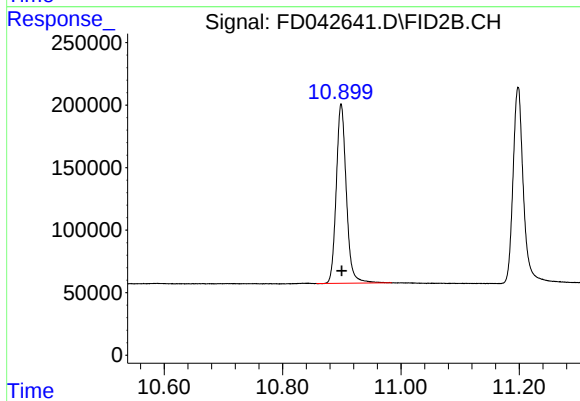
#6 n-Tetradecane (C14)

R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 1572349
Conc: 10.79 ug/ml



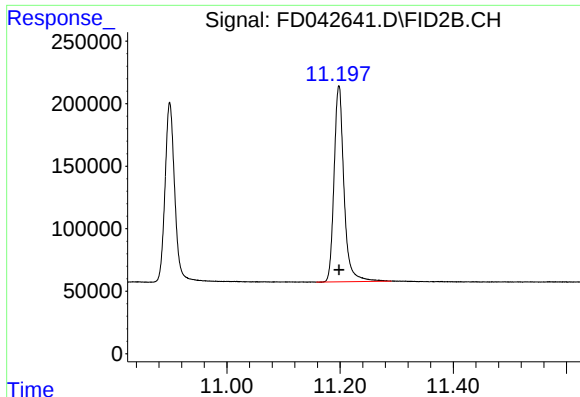
#7 n-Hexadecane (C16)

R.T.: 9.471 min
Delta R.T.: 0.000 min
Response: 1619106
Conc: 10.83 ug/ml



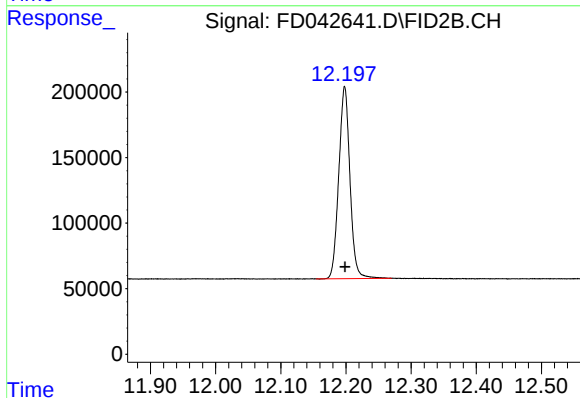
#8 n-Octadecane (C18)

R.T.: 10.899 min
Delta R.T.: -0.001 min
Response: 1693895
Conc: 10.89 ug/ml



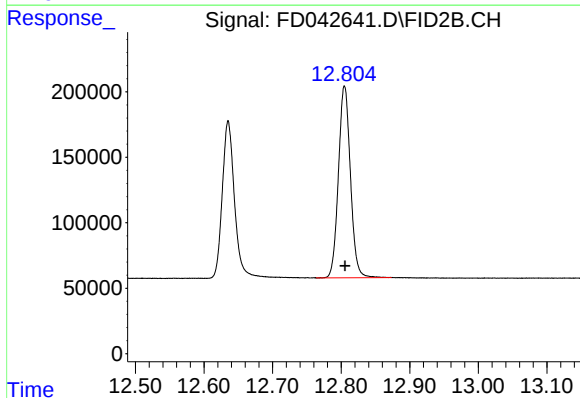
#9 ortho-Terphenyl (SURR)

R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 1907322
Conc: 10.97 ug/ml



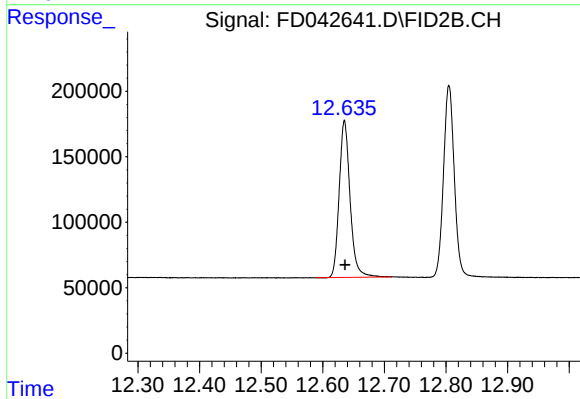
#10 n-Eicosane (C20)

R.T.: 12.198 min
Delta R.T.: 0.000 min
Response: 1748625
Conc: 10.96 ug/ml



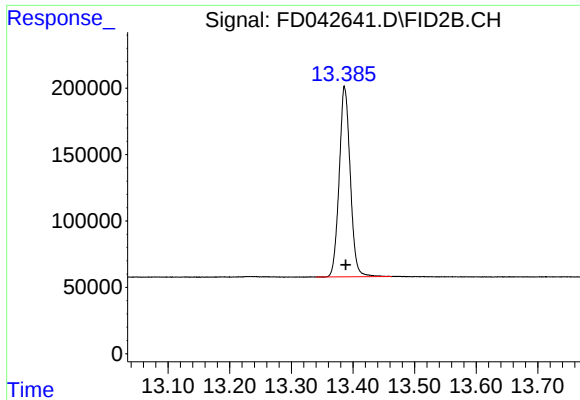
#11 n-Heneicosane (C21)

R.T.: 12.805 min
Delta R.T.: 0.000 min
Response: 1779357
Conc: 11.03 ug/ml



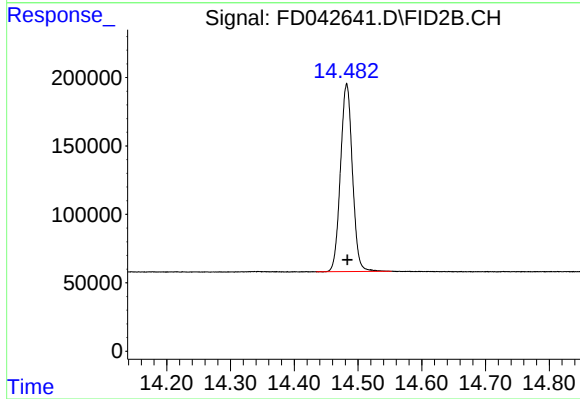
#12 1-chlorooctadecane (SURR)

R.T.: 12.635 min
Delta R.T.: -0.001 min
Response: 1473869
Conc: 10.84 ug/ml



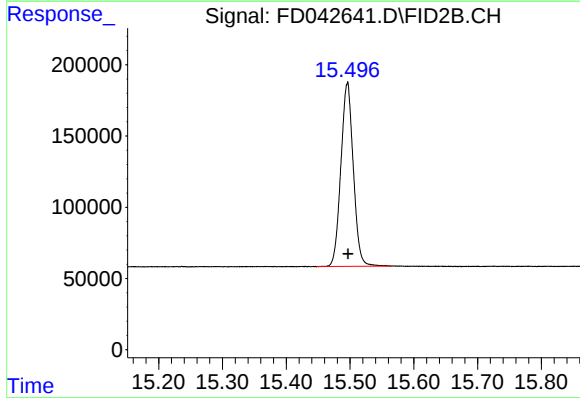
#13 n-Docosane (C22)

R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 1785884
Conc: 11.00 ug/ml



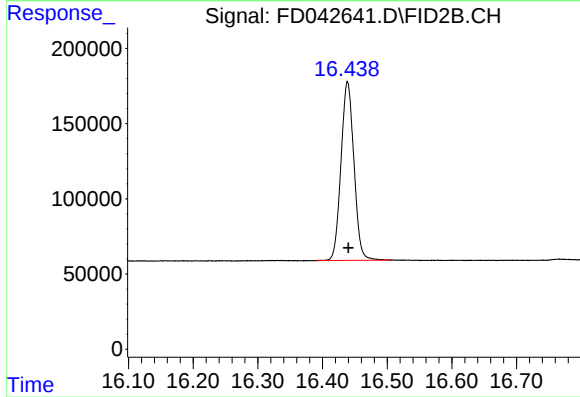
#14 n-Tetracosane (C24)

R.T.: 14.482 min
Delta R.T.: -0.001 min
Response: 1784610
Conc: 11.00 ug/ml



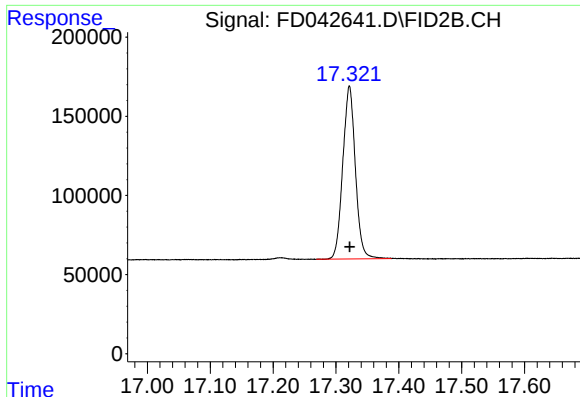
#15 n-Hexacosane (C26)

R.T.: 15.496 min
Delta R.T.: 0.000 min
Response: 1745845
Conc: 10.95 ug/ml



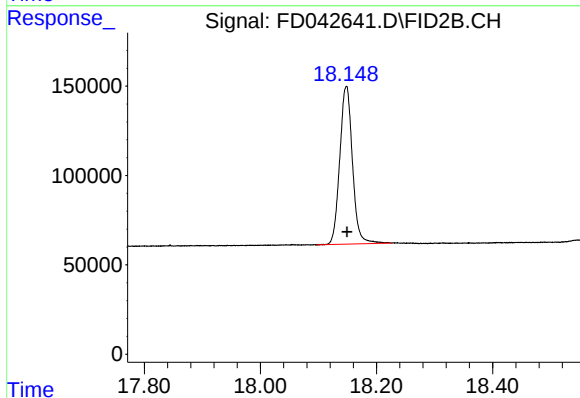
#16 n-Octacosane (C28)

R.T.: 16.439 min
Delta R.T.: -0.001 min
Response: 1654260
Conc: 10.85 ug/ml



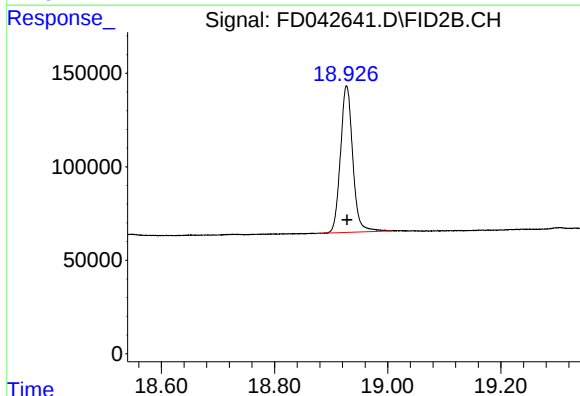
#17 n-Tricontane (C30)

R.T.: 17.321 min
Delta R.T.: 0.000 min
Response: 1517489
Conc: 10.75 ug/ml



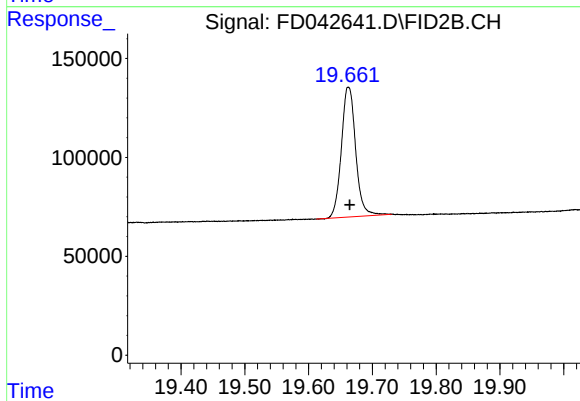
#18 n-Dotriacontane (C32)

R.T.: 18.148 min
Delta R.T.: -0.001 min
Response: 1336145
Conc: 10.72 ug/ml



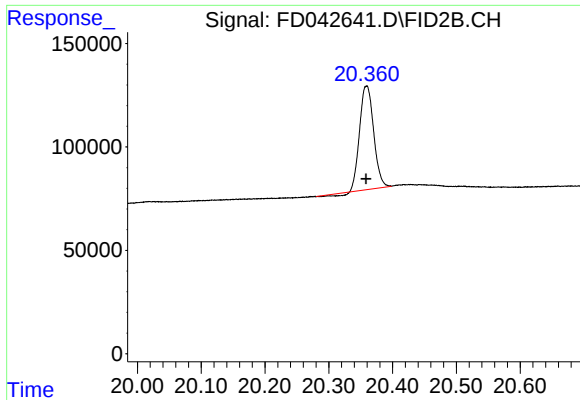
#19 n-Tetratriacontane (C34)

R.T.: 18.927 min
Delta R.T.: 0.000 min
Response: 1176862
Conc: 10.78 ug/ml



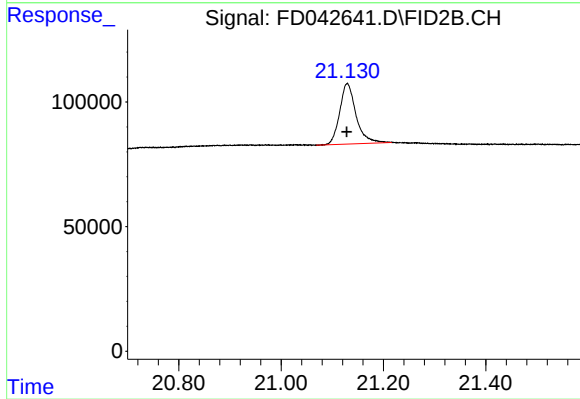
#20 n-Hexatriacontane (C36)

R.T.: 19.662 min
Delta R.T.: -0.002 min
Response: 1017788
Conc: 10.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 753323
Conc: 8.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.129 min
Delta R.T.: 0.001 min
Response: 535521
Conc: 8.97 ug/ml