

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AL\
 Data File : FD046807.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2023 03:22
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 05:24:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 05:17:55 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.374	2271241	10.766 ug/ml
Spiked Amount 50.000		Recovery =	21.53%
12) S 1-chlorooctadecane (S...	12.809	1652255	10.597 ug/ml
Spiked Amount 50.000		Recovery =	21.19%
Target Compounds			
1) T n-Nonane (C9)	3.214	1744510	10.873 ug/ml
2) T n-Decane (C10)	4.265	1759665	10.826 ug/ml
3) T A~Naphthalene (C11.7)	5.824	1949719	10.782 ug/ml
4) T n-Dodecane (C12)	6.265	1792860	10.845 ug/ml
5) T A~2-methylnaphthalene...	6.872	1906302	10.681 ug/ml
6) T n-Tetradecane (C14)	8.049	1777933	10.773 ug/ml
7) T n-Hexadecane (C16)	9.639	1817960	10.684 ug/ml
8) T n-Octadecane (C18)	11.071	1877646	10.708 ug/ml
10) T n-Eicosane (C20)	12.371	1867403	10.726 ug/ml
11) T n-Heneicosane (C21)	12.978	1859097	10.734 ug/ml
13) T n-Docosane (C22)	13.561	1856214	10.735 ug/ml
14) T n-Tetracosane (C24)	14.655	1851164	10.738 ug/ml
15) T n-Hexacosane (C26)	15.668	1771436	10.677 ug/ml
16) T n-Octacosane (C28)	16.610	1700325	10.694 ug/ml
17) T n-Tricontane (C30)	17.490	1668311	10.738 ug/ml
18) T n-Dotriacontane (C32)	18.316	1596903	10.753 ug/ml
19) T n-Tetratriacontane (C34)	19.093	1480127	10.574 ug/ml
20) T n-Hexatriacontane (C36)	19.825	1405998	10.685 ug/ml
21) T n-Octatriacontane (C38)	20.524	1324552	10.639 ug/ml
22) T n-Tetracontane (C40)	21.336	1229291	10.626 ug/ml

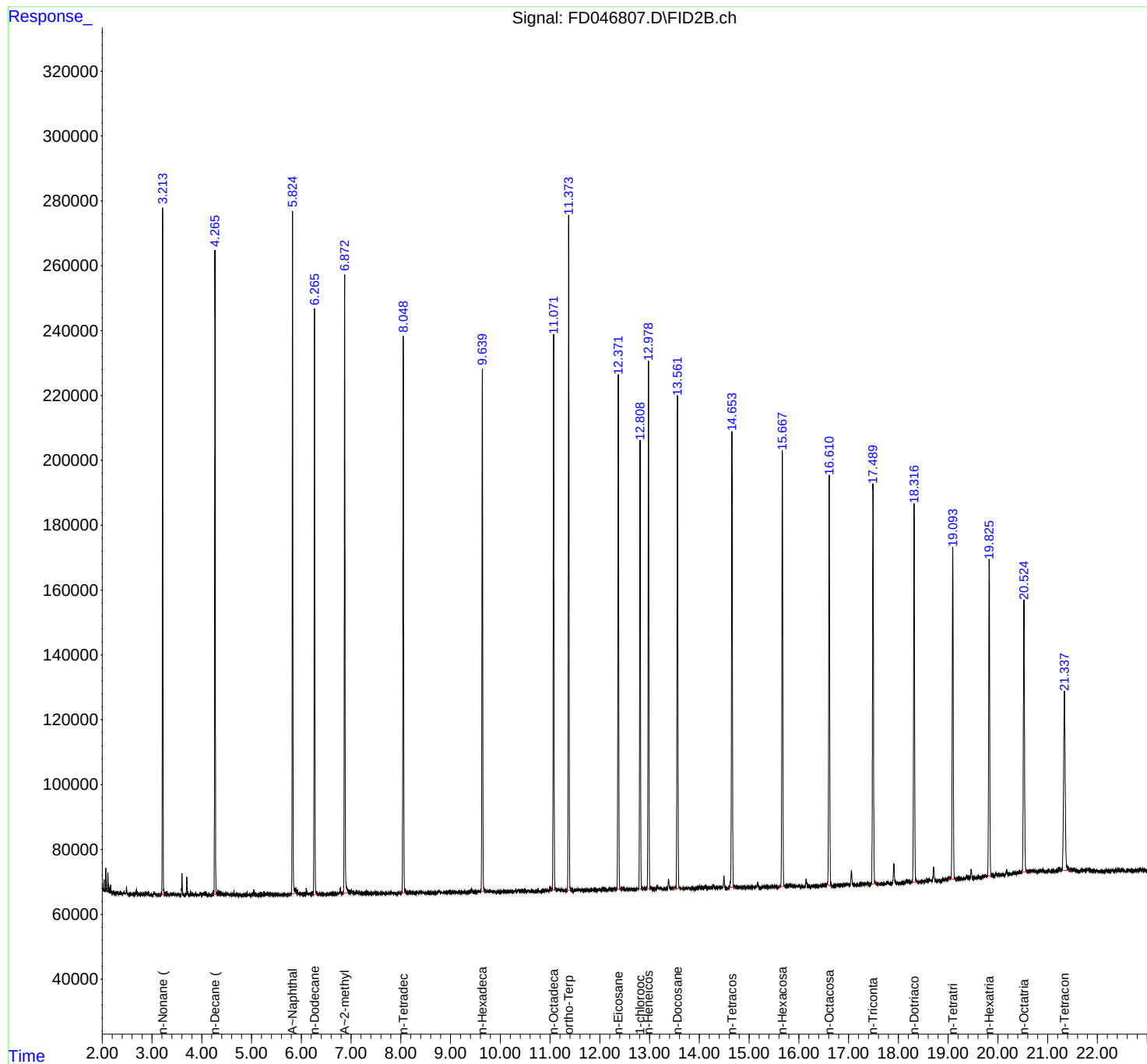
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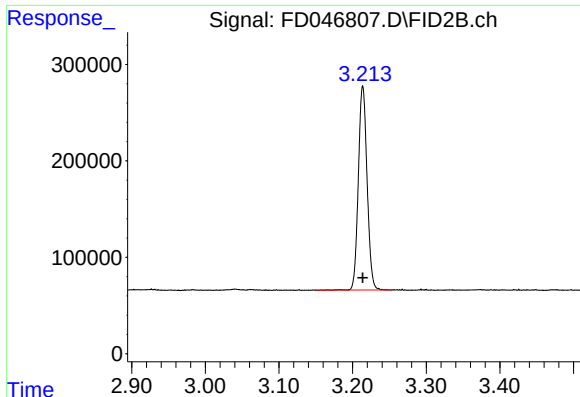
(m)=manual int.

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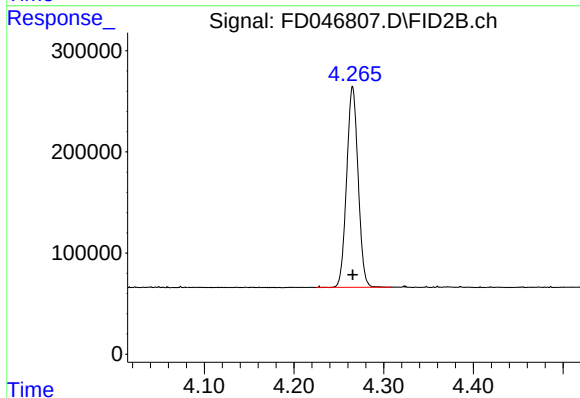
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





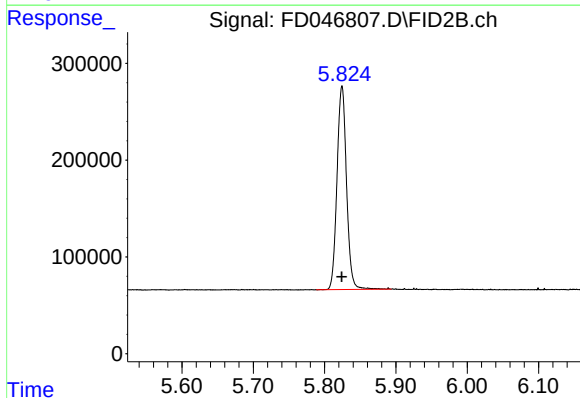
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: 0.000 min
Response: 1744510
Conc: 10.87 ug/ml



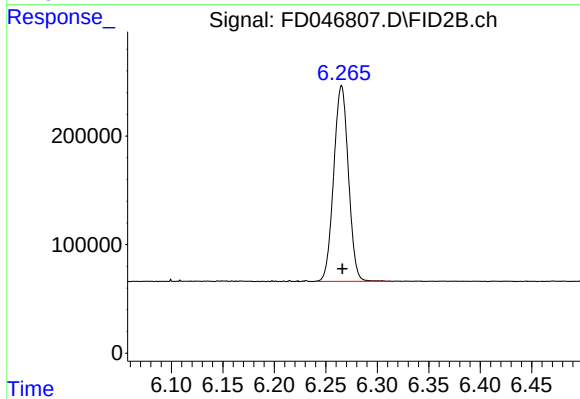
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1759665
Conc: 10.83 ug/ml



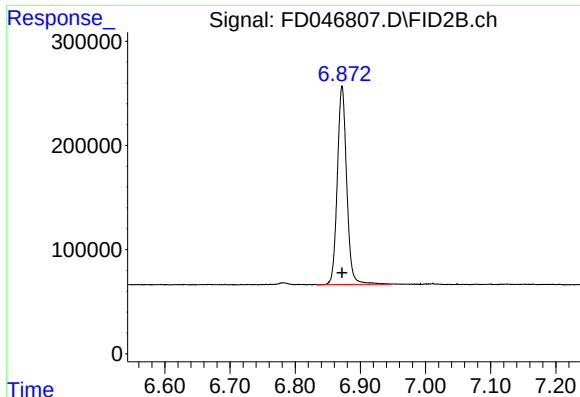
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 1949719
Conc: 10.78 ug/ml



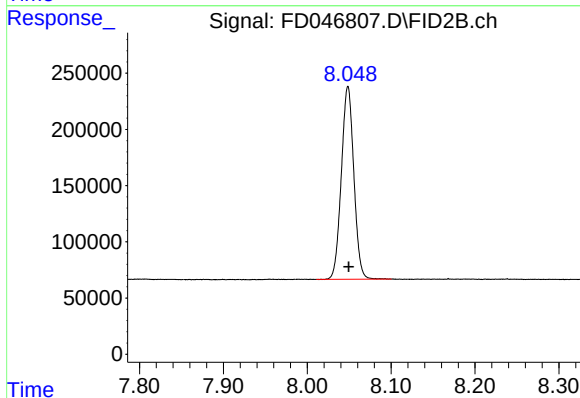
#4 n-Dodecane (C12)

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 1792860
Conc: 10.84 ug/ml



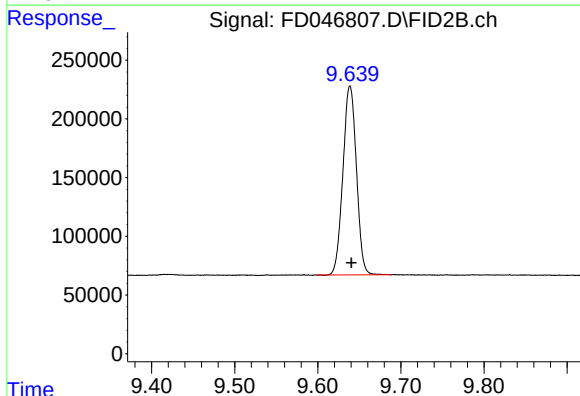
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 1906302
Conc: 10.68 ug/ml



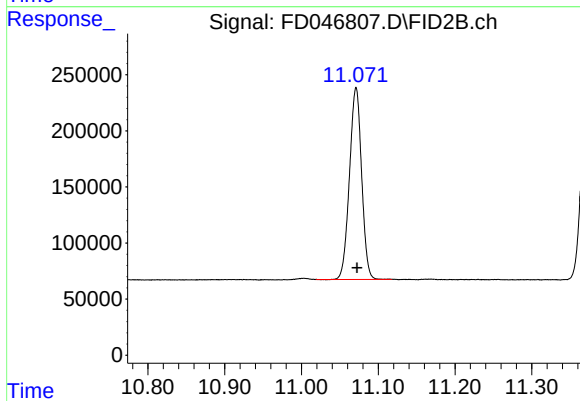
#6 n-Tetradecane (C14)

R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 1777933
Conc: 10.77 ug/ml



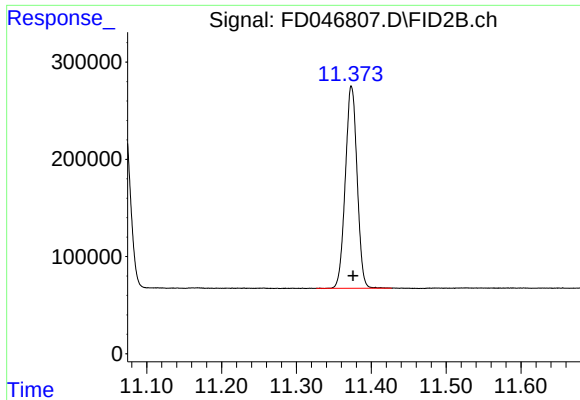
#7 n-Hexadecane (C16)

R.T.: 9.639 min
Delta R.T.: -0.002 min
Response: 1817960
Conc: 10.68 ug/ml



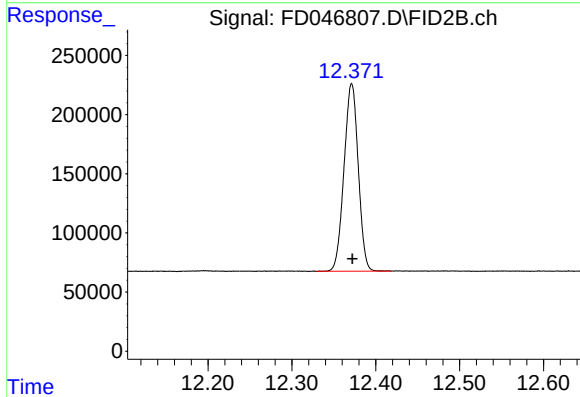
#8 n-Octadecane (C18)

R.T.: 11.071 min
Delta R.T.: -0.001 min
Response: 1877646
Conc: 10.71 ug/ml



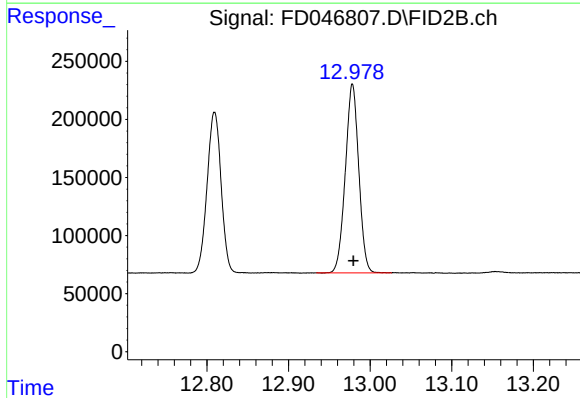
#9 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: -0.002 min
Response: 2271241
Conc: 10.77 ug/ml



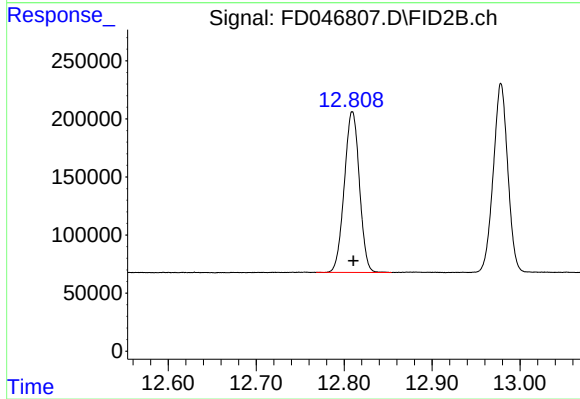
#10 n-Eicosane (C20)

R.T.: 12.371 min
Delta R.T.: 0.000 min
Response: 1867403
Conc: 10.73 ug/ml



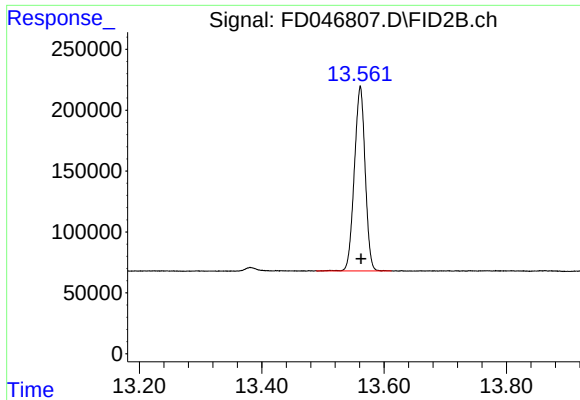
#11 n-Heneicosane (C21)

R.T.: 12.978 min
Delta R.T.: -0.001 min
Response: 1859097
Conc: 10.73 ug/ml



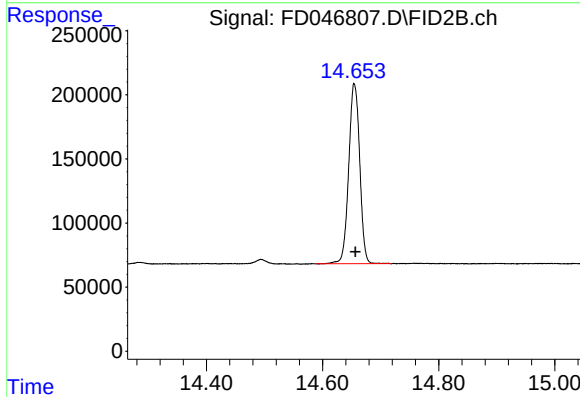
#12 1-chlorooctadecane (SURR)

R.T.: 12.809 min
Delta R.T.: -0.001 min
Response: 1652255
Conc: 10.60 ug/ml



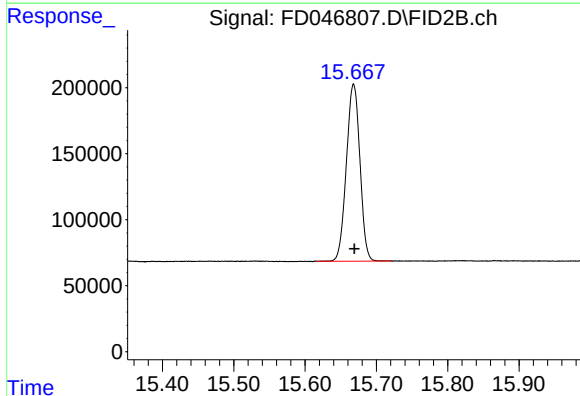
#13 n-Docosane (C22)

R.T.: 13.561 min
Delta R.T.: -0.001 min
Response: 1856214
Conc: 10.74 ug/ml



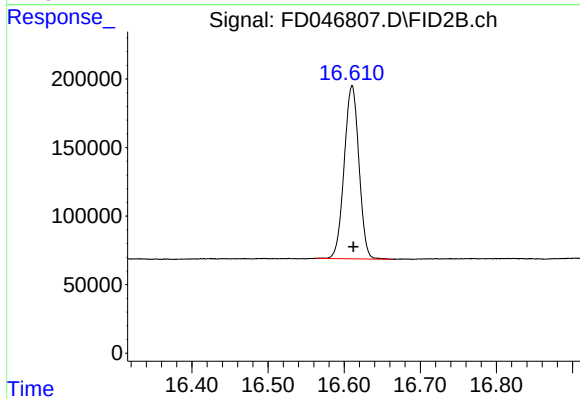
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: -0.002 min
Response: 1851164
Conc: 10.74 ug/ml



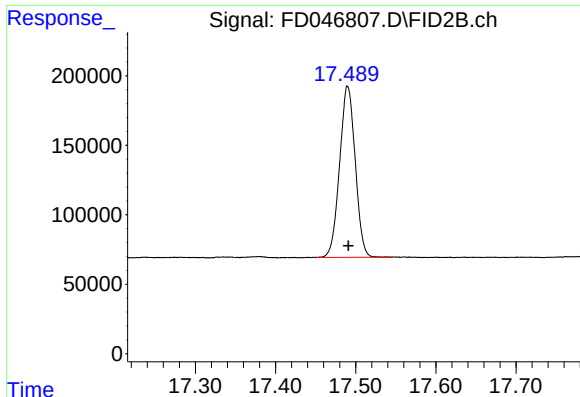
#15 n-Hexacosane (C26)

R.T.: 15.668 min
Delta R.T.: -0.001 min
Response: 1771436
Conc: 10.68 ug/ml



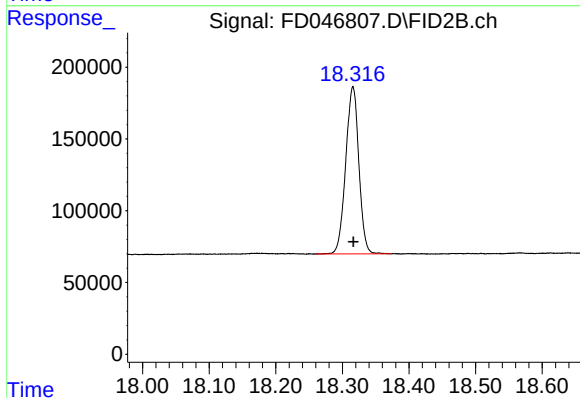
#16 n-Octacosane (C28)

R.T.: 16.610 min
Delta R.T.: -0.002 min
Response: 1700325
Conc: 10.69 ug/ml



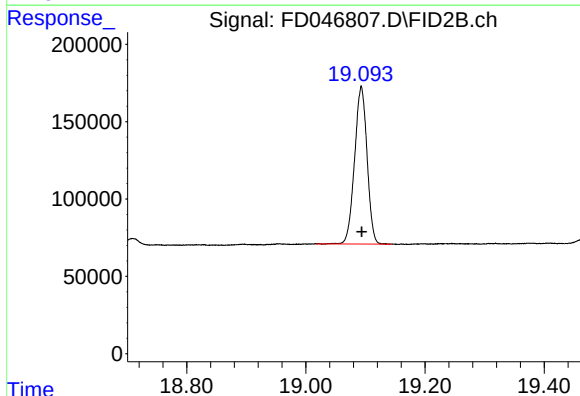
#17 n-Tricontane (C30)

R.T.: 17.490 min
Delta R.T.: 0.000 min
Response: 1668311
Conc: 10.74 ug/ml



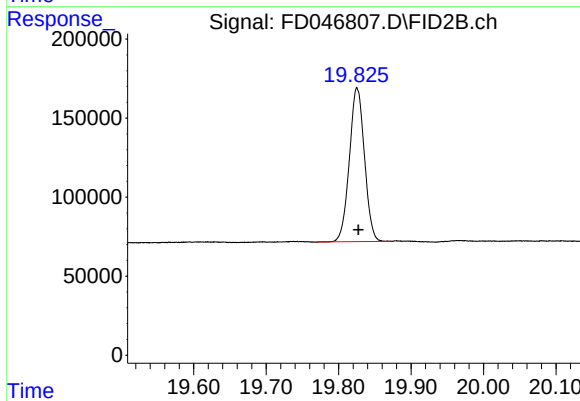
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: 0.000 min
Response: 1596903
Conc: 10.75 ug/ml



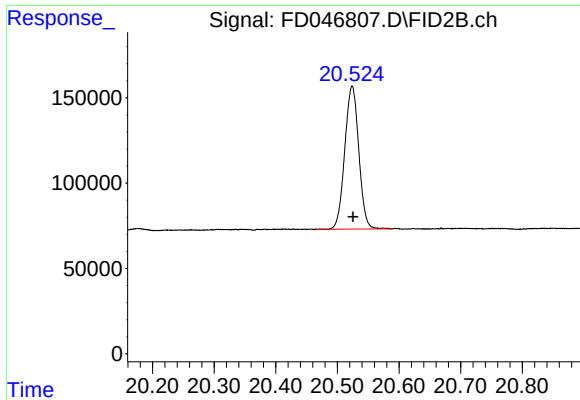
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: 0.000 min
Response: 1480127
Conc: 10.57 ug/ml



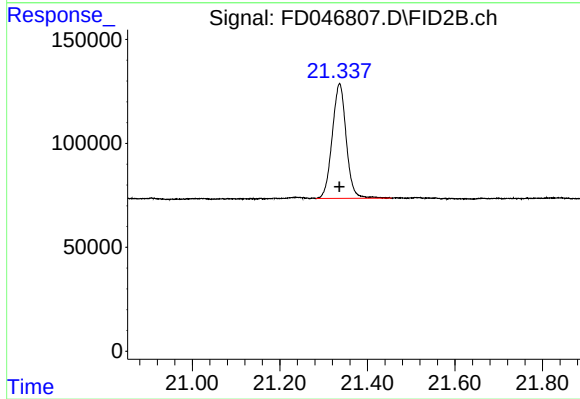
#20 n-Hexatriacontane (C36)

R.T.: 19.825 min
Delta R.T.: -0.002 min
Response: 1405998
Conc: 10.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.524 min
Delta R.T.: -0.001 min
Response: 1324552
Conc: 10.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.336 min
Delta R.T.: 0.000 min
Response: 1229291
Conc: 10.63 ug/ml