

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AL\
 Data File : FD046805.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2023 02:00
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 05:22:42 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)	11.382	10035418	48.816 ug/ml
Spiked Amount 50.000		Recovery =	97.63%
12) S 1-chlorooctadecane (S...	12.814	7474648	48.913 ug/ml
Spiked Amount 50.000		Recovery =	97.83%
Target Compounds			
1) T n-Nonane (C9)	3.216	7627219	48.964 ug/ml
2) T n-Decane (C10)	4.268	7719749	48.837 ug/ml
3) T A~Naphthalene (C11.7)	5.826	8640228	49.062 ug/ml
4) T n-Dodecane (C12)	6.269	7834667	48.765 ug/ml
5) T A~2-methylnaphthalene...	6.875	8528884	48.900 ug/ml
6) T n-Tetradecane (C14)	8.052	7843312	48.785 ug/ml
7) T n-Hexadecane (C16)	9.644	8116702	48.816 ug/ml
8) T n-Octadecane (C18)	11.077	8362641	48.841 ug/ml
10) T n-Eicosane (C20)	12.376	8296449	48.834 ug/ml
11) T n-Heneicosane (C21)	12.983	8253218	48.850 ug/ml
13) T n-Docosane (C22)	13.565	8218061	48.723 ug/ml
14) T n-Tetracosane (C24)	14.660	8141324	48.419 ug/ml
15) T n-Hexacosane (C26)	15.673	7844607	48.376 ug/ml
16) T n-Octacosane (C28)	16.615	7483713	48.184 ug/ml
17) T n-Tricontane (C30)	17.495	7275612	48.010 ug/ml
18) T n-Dotriacontane (C32)	18.320	6945211	47.970 ug/ml
19) T n-Tetratriacontane (C34)	19.097	6639844	48.360 ug/ml
20) T n-Hexatriacontane (C36)	19.830	6245402	48.572 ug/ml
21) T n-Octatriacontane (C38)	20.529	5936565	48.719 ug/ml
22) T n-Tetracontane (C40)	21.340	5539511	48.905 ug/ml

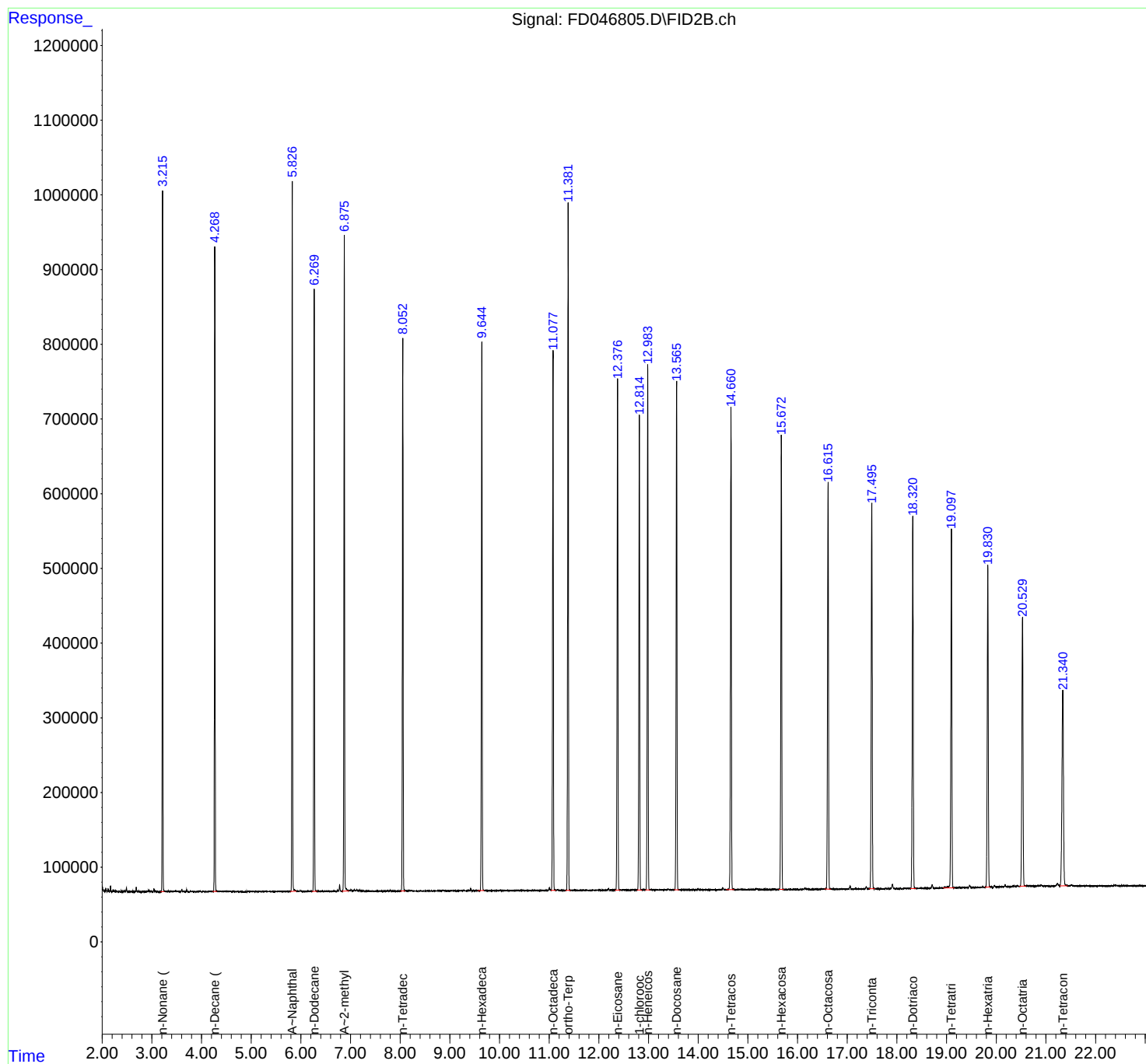
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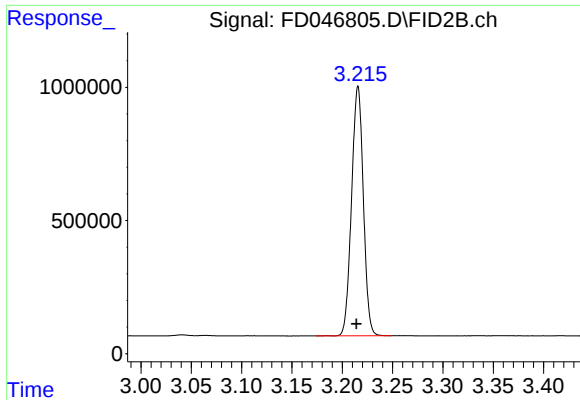
(m)=manual int.

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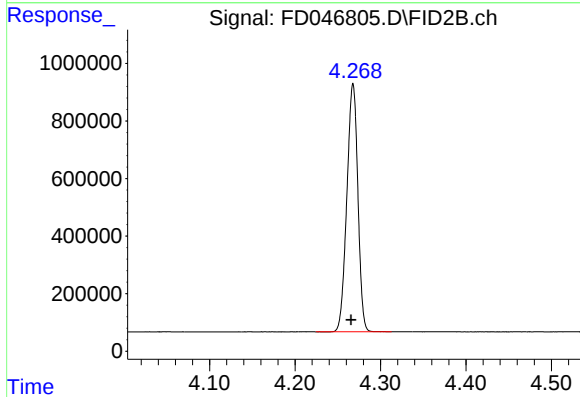
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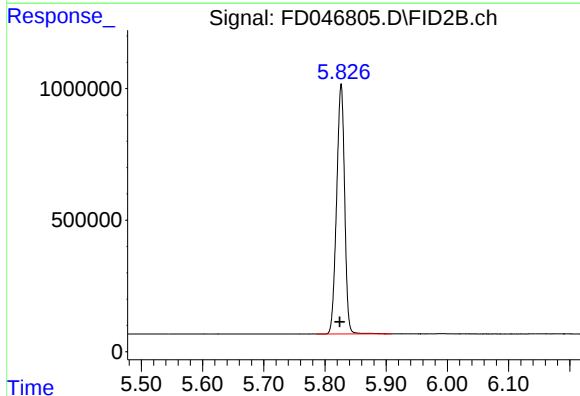
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: 0.002 min
Response: 7627219
Conc: 48.96 ug/ml



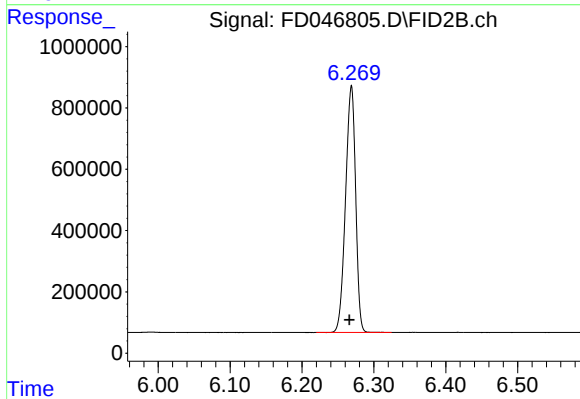
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: 0.002 min
Response: 7719749
Conc: 48.84 ug/ml



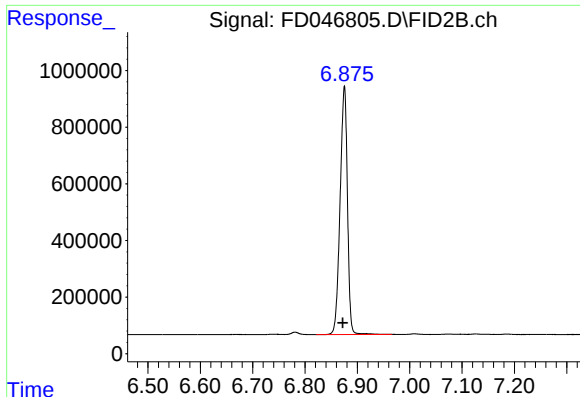
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.002 min
Response: 8640228
Conc: 49.06 ug/ml



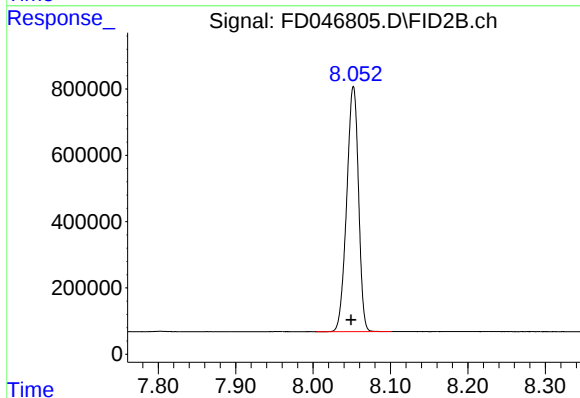
#4 n-Dodecane (C12)

R.T.: 6.269 min
Delta R.T.: 0.003 min
Response: 7834667
Conc: 48.76 ug/ml



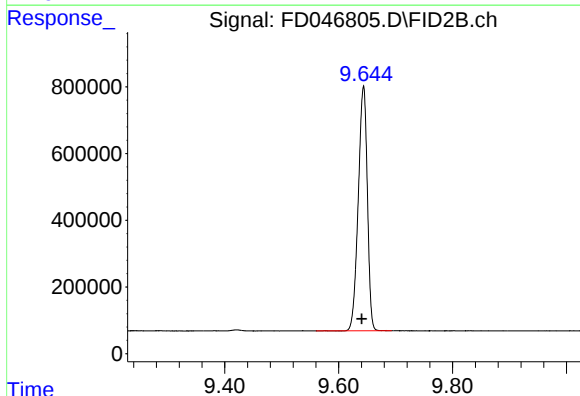
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.003 min
Response: 8528884
Conc: 48.90 ug/ml



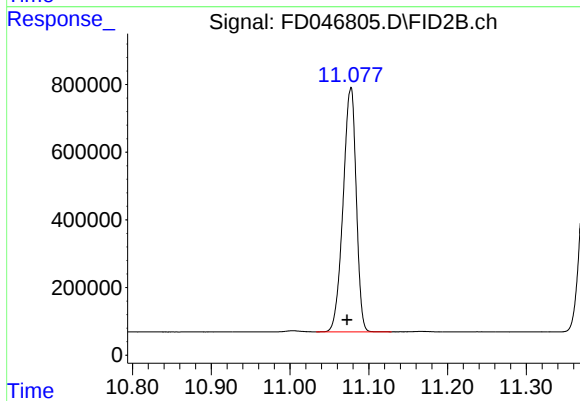
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: 0.003 min
Response: 7843312
Conc: 48.78 ug/ml



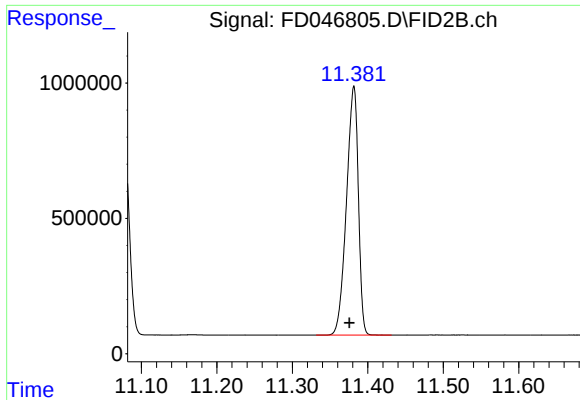
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.003 min
Response: 8116702
Conc: 48.82 ug/ml



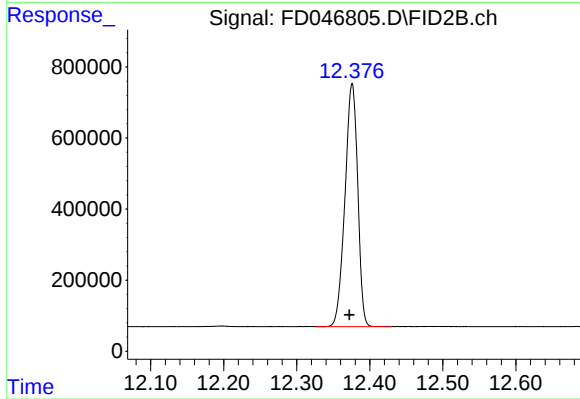
#8 n-Octadecane (C18)

R.T.: 11.077 min
Delta R.T.: 0.005 min
Response: 8362641
Conc: 48.84 ug/ml



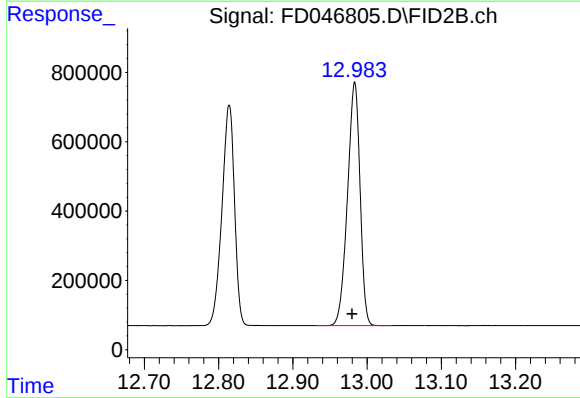
#9 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.006 min
Response: 10035418
Conc: 48.82 ug/ml



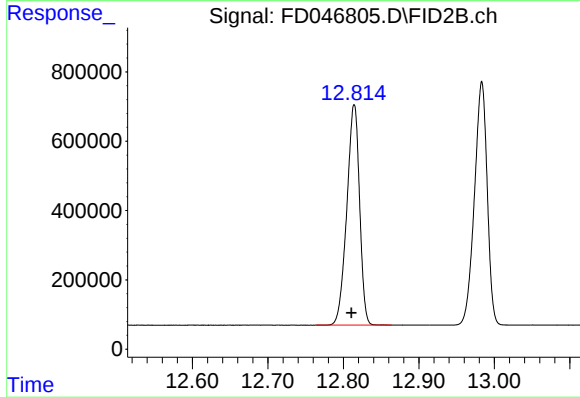
#10 n-Eicosane (C20)

R.T.: 12.376 min
Delta R.T.: 0.004 min
Response: 8296449
Conc: 48.83 ug/ml



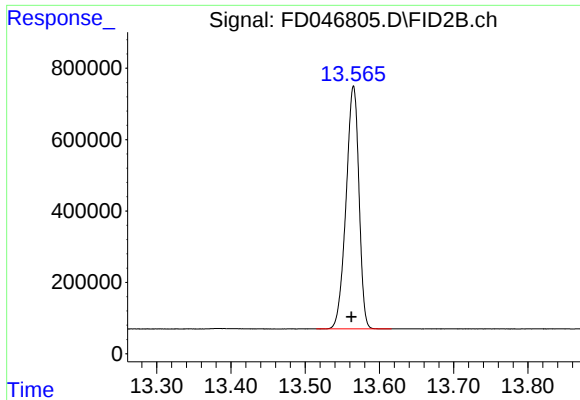
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.004 min
Response: 8253218
Conc: 48.85 ug/ml



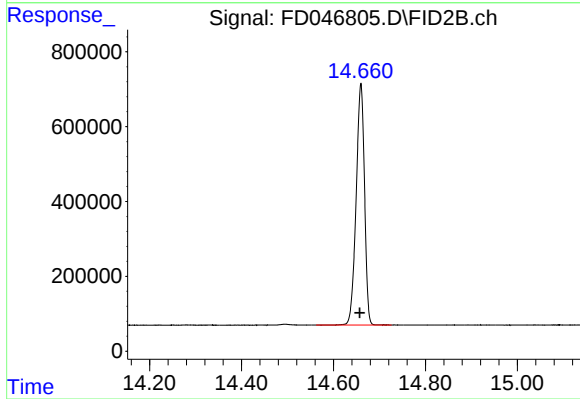
#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: 0.004 min
Response: 7474648
Conc: 48.91 ug/ml



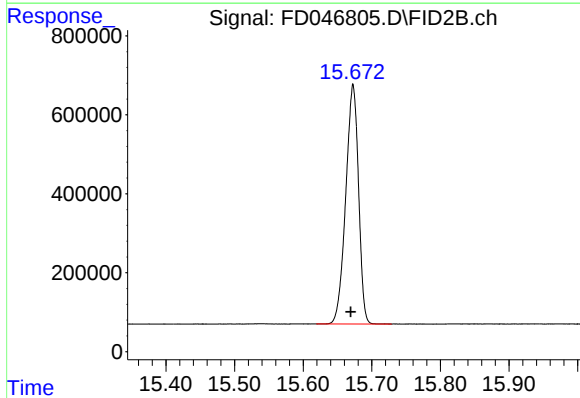
#13 n-Docosane (C22)

R.T.: 13.565 min
Delta R.T.: 0.003 min
Response: 8218061
Conc: 48.72 ug/ml



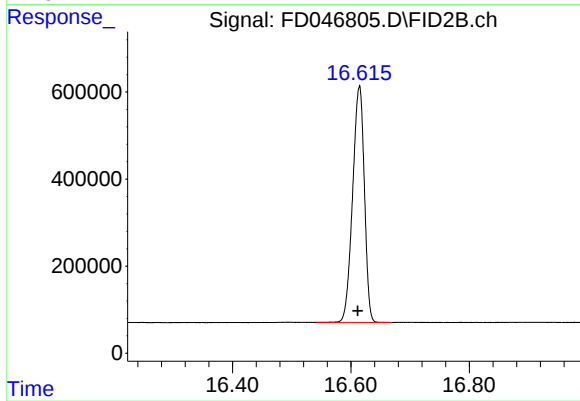
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: 0.003 min
Response: 8141324
Conc: 48.42 ug/ml



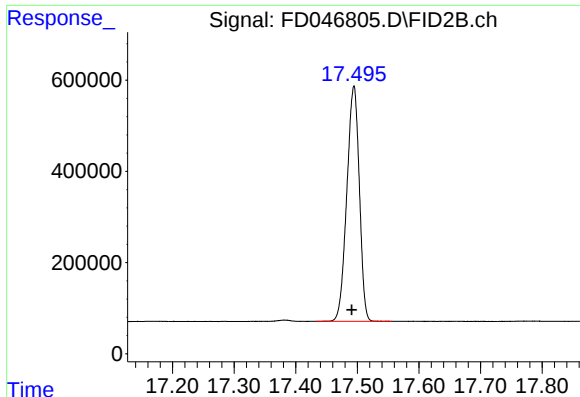
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: 0.004 min
Response: 7844607
Conc: 48.38 ug/ml



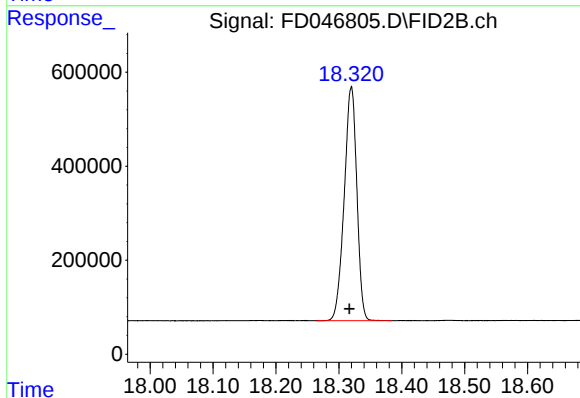
#16 n-Octacosane (C28)

R.T.: 16.615 min
Delta R.T.: 0.003 min
Response: 7483713
Conc: 48.18 ug/ml



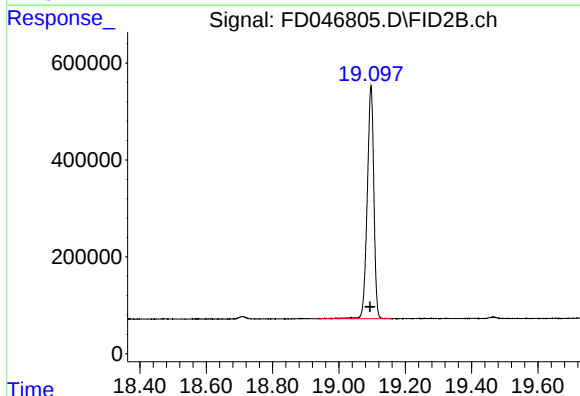
#17 n-Tricontane (C30)

R.T.: 17.495 min
Delta R.T.: 0.004 min
Response: 7275612
Conc: 48.01 ug/ml



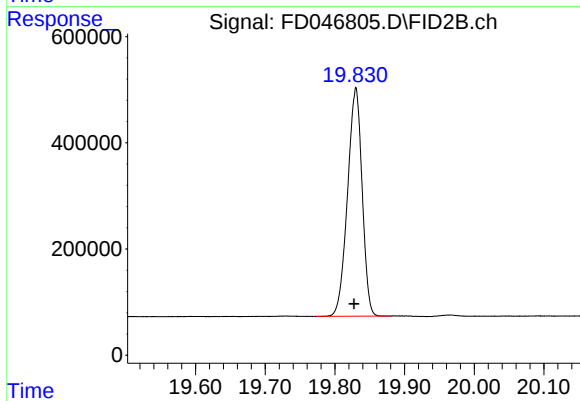
#18 n-Dotriacontane (C32)

R.T.: 18.320 min
Delta R.T.: 0.003 min
Response: 6945211
Conc: 47.97 ug/ml



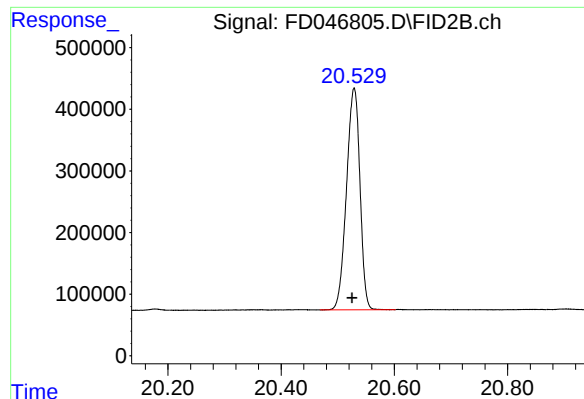
#19 n-Tetratriacontane (C34)

R.T.: 19.097 min
Delta R.T.: 0.003 min
Response: 6639844
Conc: 48.36 ug/ml



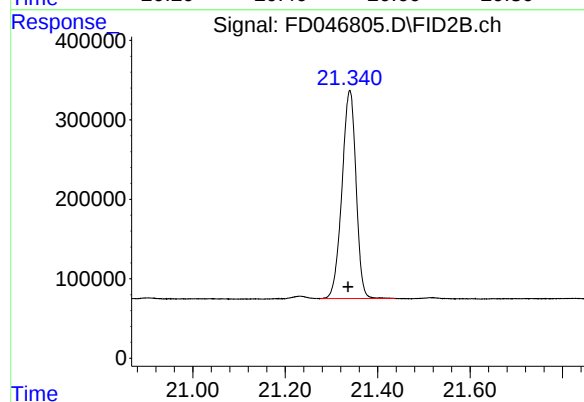
#20 n-Hexatriacontane (C36)

R.T.: 19.830 min
Delta R.T.: 0.003 min
Response: 6245402
Conc: 48.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: 0.004 min
Response: 5936565
Conc: 48.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.340 min
Delta R.T.: 0.004 min
Response: 5539511
Conc: 48.90 ug/ml