

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AL\
 Data File : FD043340.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2022 23:20
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 26 05:32:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:31:26 2022
 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)	11.531	7469606	46.976 ug/ml
Spiked Amount 50.000		Recovery =	93.95%
12) S 1-chlorooctadecane (S...	12.965	5868642	47.323 ug/ml
Spiked Amount 50.000		Recovery =	94.65%
Target Compounds			
1) T n-Nonane (C9)	3.310	6667573	47.475 ug/ml
2) T n-Decane (C10)	4.376	6711947	47.564 ug/ml
3) T A~Naphthalene (C11.7)	5.953	7325347	47.835 ug/ml
4) T n-Dodecane (C12)	6.390	6771111	47.280 ug/ml
5) T A~2-methylnaphthalene...	7.008	7254246	47.800 ug/ml
6) T n-Tetradecane (C14)	8.182	6753536	47.159 ug/ml
7) T n-Hexadecane (C16)	9.779	6774330	47.227 ug/ml
8) T n-Octadecane (C18)	11.218	6830838	47.087 ug/ml
10) T n-Eicosane (C20)	12.524	6881036	47.158 ug/ml
11) T n-Heneicosane (C21)	13.134	6896611	47.067 ug/ml
13) T n-Docosane (C22)	13.718	6888640	47.232 ug/ml
14) T n-Tetracosane (C24)	14.818	6838818	47.145 ug/ml
15) T n-Hexacosane (C26)	15.835	6765224	47.387 ug/ml
16) T n-Octacosane (C28)	16.782	6598472	47.275 ug/ml
17) T n-Tricontane (C30)	17.666	6511473	47.167 ug/ml
18) T n-Dotriacontane (C32)	18.495	6326838	46.881 ug/ml
19) T n-Tetratriacontane (C34)	19.275	5933684	47.165 ug/ml
20) T n-Hexatriacontane (C36)	20.012	5752289	47.693 ug/ml
21) T n-Octatriacontane (C38)	20.732	5529130	47.554 ug/ml
22) T n-Tetracontane (C40)	21.606	5347050	47.261 ug/ml

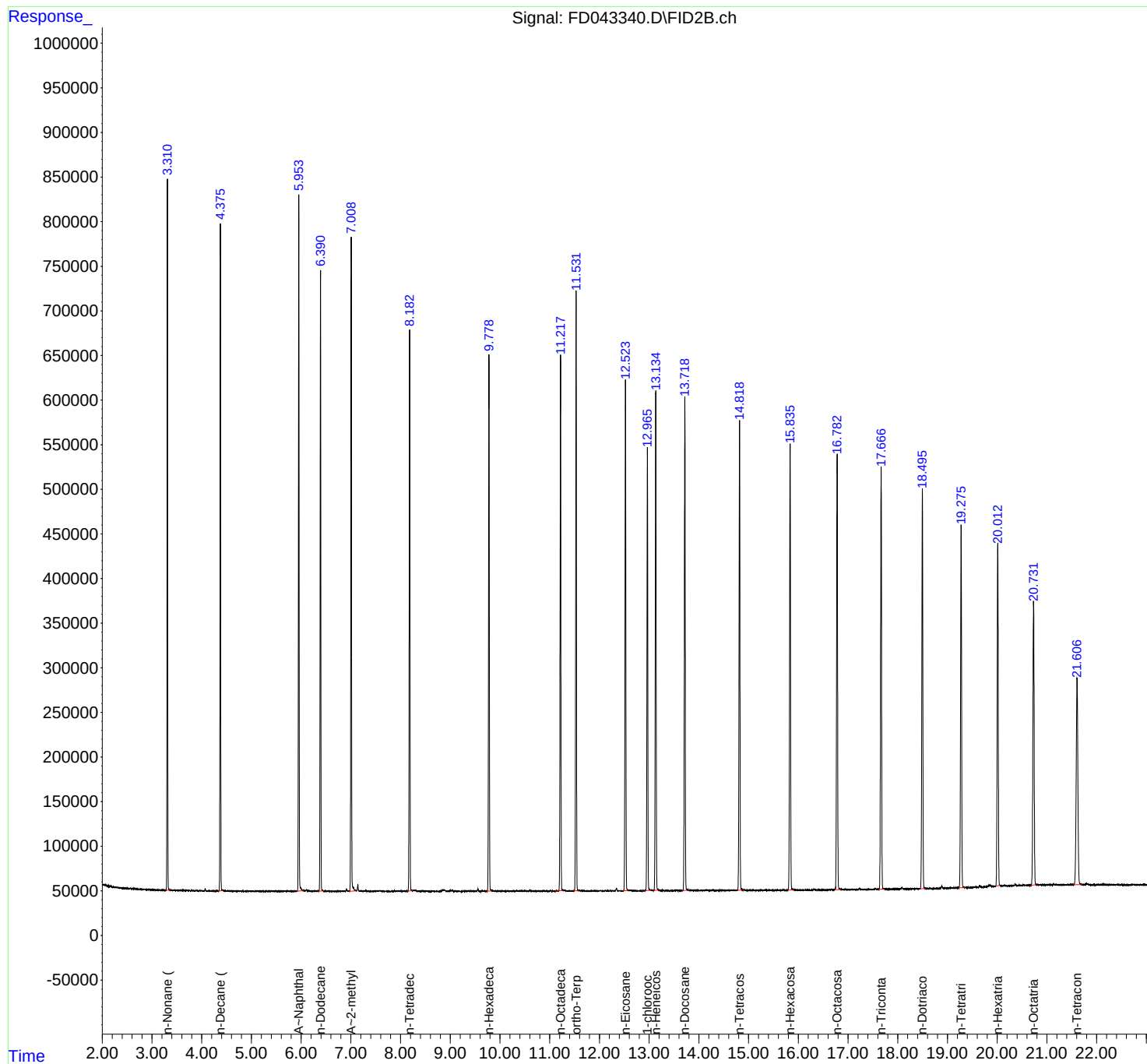
(f)=RT Delta > 1/2 Window

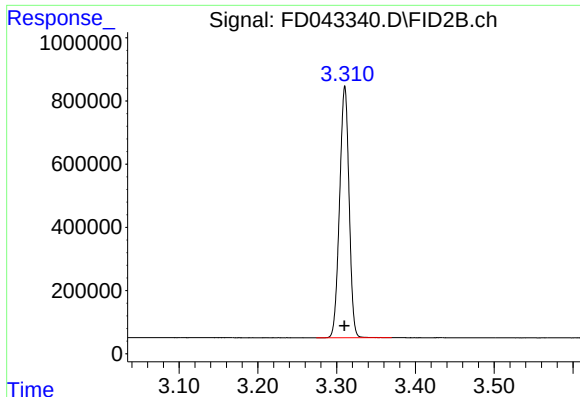
(m)=manual int.

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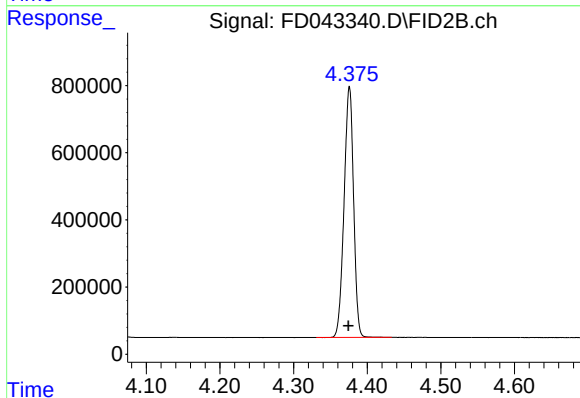
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





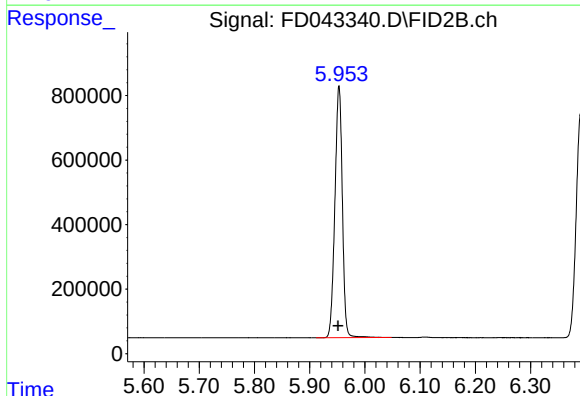
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 6667573
Conc: 47.47 ug/ml



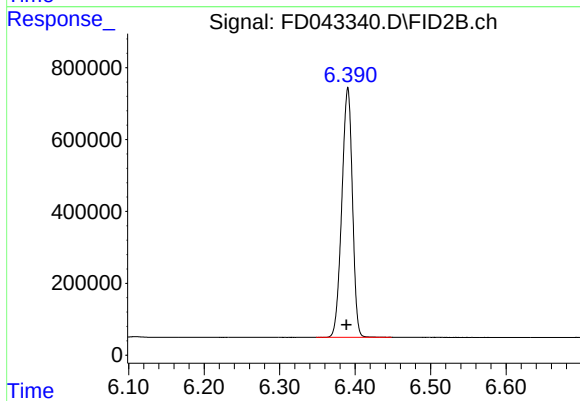
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.001 min
Response: 6711947
Conc: 47.56 ug/ml



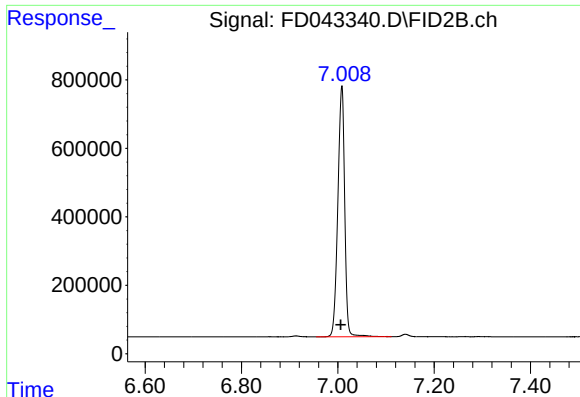
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 7325347
Conc: 47.83 ug/ml



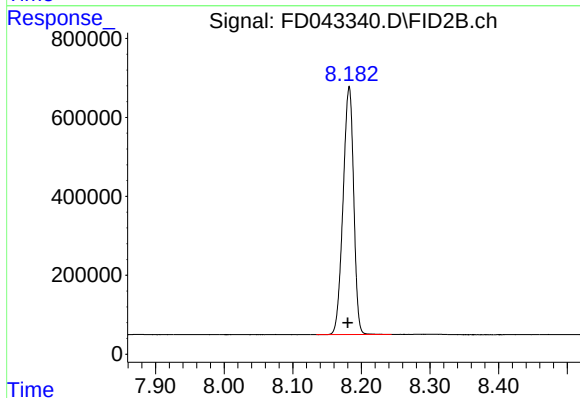
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 6771111
Conc: 47.28 ug/ml



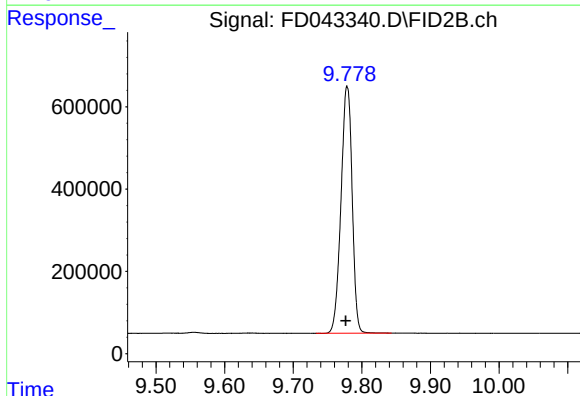
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.002 min
Response: 7254246
Conc: 47.80 ug/ml



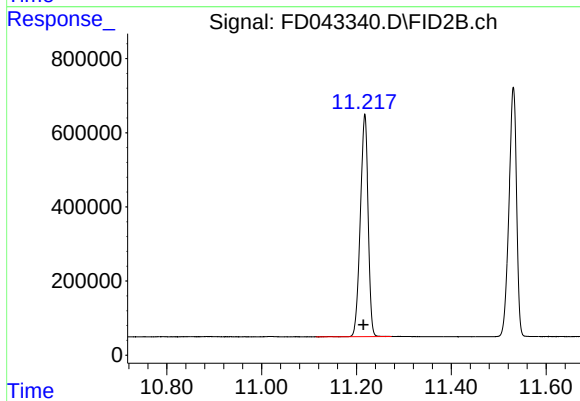
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.002 min
Response: 6753536
Conc: 47.16 ug/ml



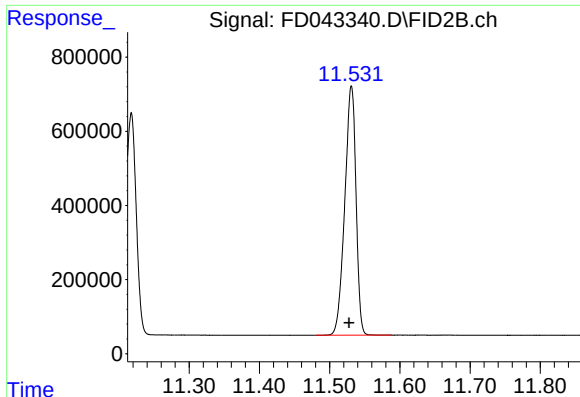
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.002 min
Response: 6774330
Conc: 47.23 ug/ml



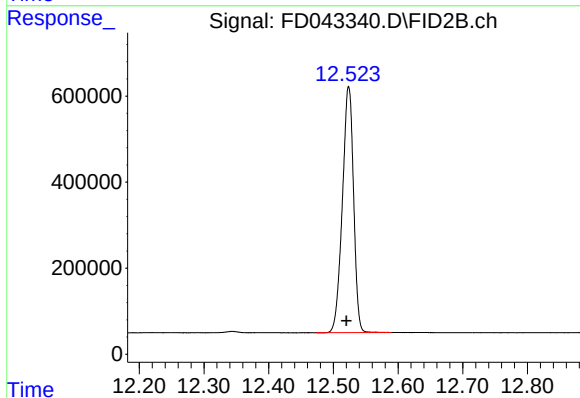
#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: 0.003 min
Response: 6830838
Conc: 47.09 ug/ml



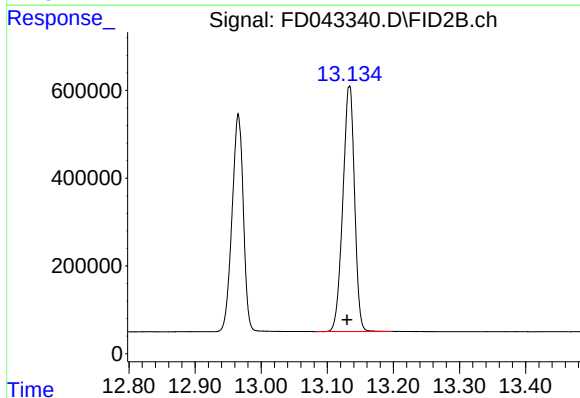
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: 0.004 min
Response: 7469606
Conc: 46.98 ug/ml



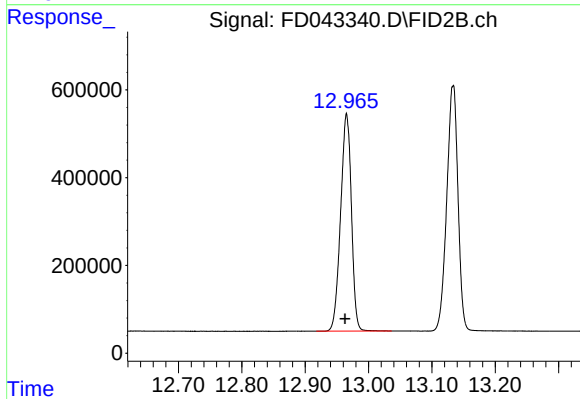
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.003 min
Response: 6881036
Conc: 47.16 ug/ml



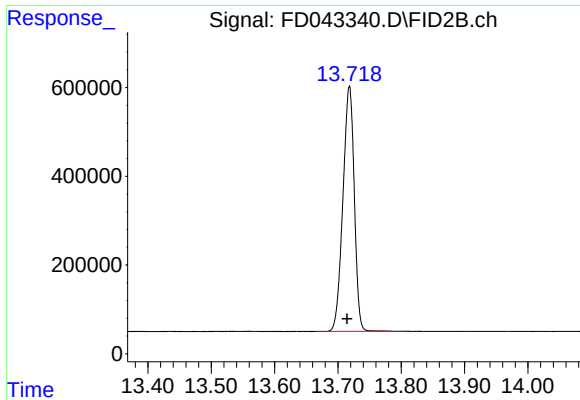
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.004 min
Response: 6896611
Conc: 47.07 ug/ml



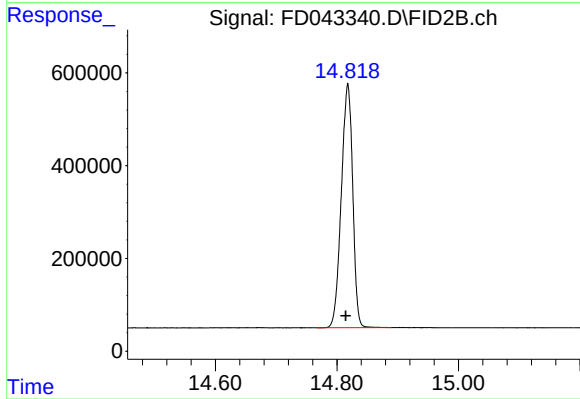
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: 0.003 min
Response: 5868642
Conc: 47.32 ug/ml



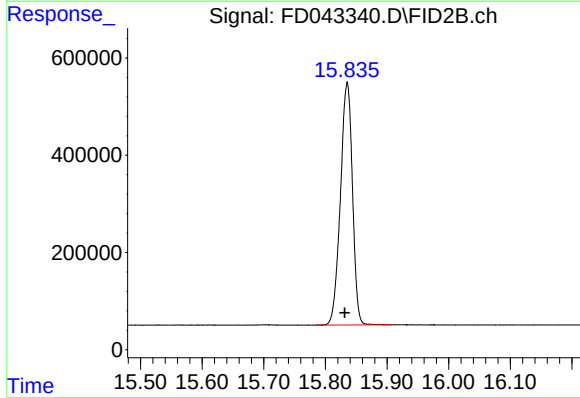
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: 0.004 min
Response: 6888640
Conc: 47.23 ug/ml



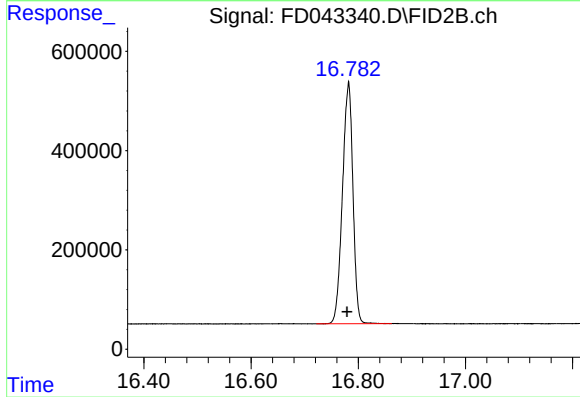
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.004 min
Response: 6838818
Conc: 47.15 ug/ml



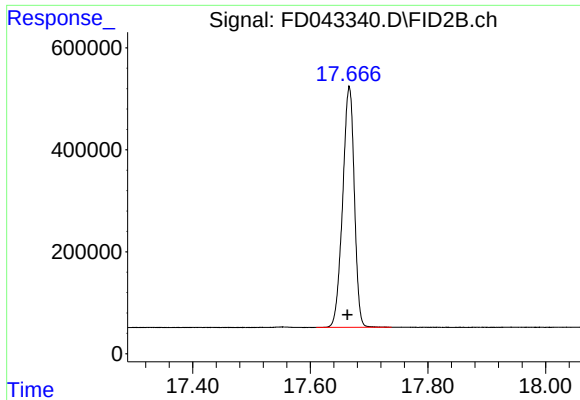
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.004 min
Response: 6765224
Conc: 47.39 ug/ml



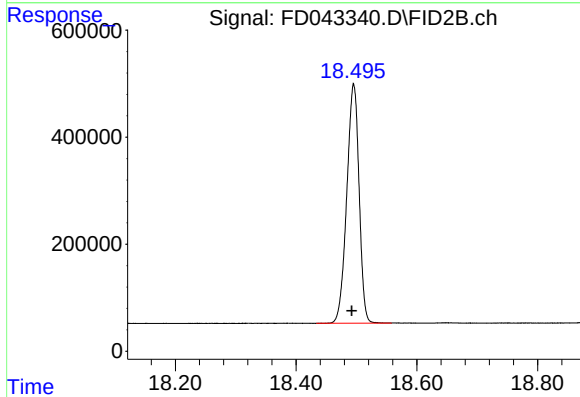
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: 0.003 min
Response: 6598472
Conc: 47.27 ug/ml



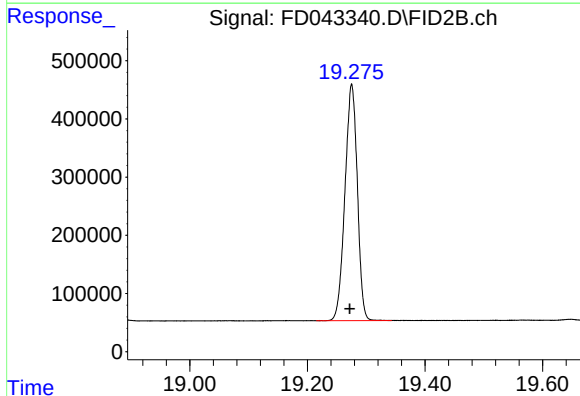
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: 0.003 min
Response: 6511473
Conc: 47.17 ug/ml



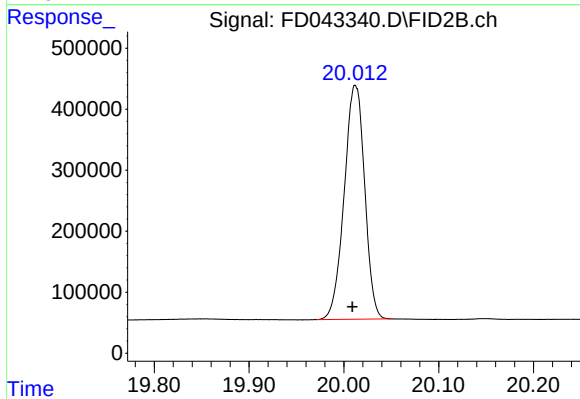
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.003 min
Response: 6326838
Conc: 46.88 ug/ml



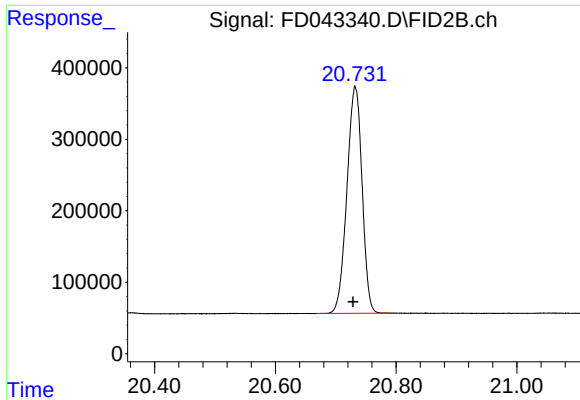
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.003 min
Response: 5933684
Conc: 47.17 ug/ml



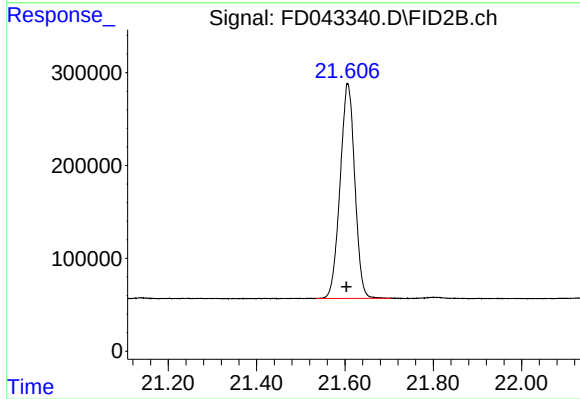
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.003 min
Response: 5752289
Conc: 47.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: 0.004 min
Response: 5529130
Conc: 47.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: 0.002 min
Response: 5347050
Conc: 47.26 ug/ml