

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AL\
 Data File : FD043715.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2022 13:04
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 13:55:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 13:52:15 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)	11.387	1997639	10.868 ug/ml
Spiked Amount 50.000		Recovery =	21.74%
12) S 1-chlorooctadecane (S...	12.800	1601763	10.761 ug/ml
Spiked Amount 50.000		Recovery =	21.52%
Target Compounds			
1) T n-Nonane (C9)	3.188	1670308	10.934 ug/ml
2) T n-Decane (C10)	4.243	1644797	10.767 ug/ml
3) T A~Naphthalene (C11.7)	5.835	1756509	10.432 ug/ml
4) T n-Dodecane (C12)	6.247	1691022	10.887 ug/ml
5) T A~2-methylnaphthalene...	6.884	1636638	9.642 ug/ml
6) T n-Tetradecane (C14)	8.032	1698710	10.775 ug/ml
7) T n-Hexadecane (C16)	9.622	1748357	10.880 ug/ml
8) T n-Octadecane (C18)	11.054	1792807	10.913 ug/ml
10) T n-Eicosane (C20)	12.354	1811858	10.996 ug/ml
11) T n-Heneicosane (C21)	12.961	1825287	10.963 ug/ml
13) T n-Docosane (C22)	13.544	1812509	10.901 ug/ml
14) T n-Tetracosane (C24)	14.638	1821274	10.931 ug/ml
15) T n-Hexacosane (C26)	15.651	1779617	10.835 ug/ml
16) T n-Octacosane (C28)	16.593	1729699	10.788 ug/ml
17) T n-Tricontane (C30)	17.473	1620890	10.859 ug/ml
18) T n-Dotriacontane (C32)	18.299	1270695	10.854 ug/ml
19) T n-Tetratriacontane (C34)	19.075	874384	10.711 ug/ml
20) T n-Hexatriacontane (C36)	19.809	608894	10.394 ug/ml
21) T n-Octatriacontane (C38)	20.506	496118	10.240 ug/ml
22) T n-Tetracontane (C40)	21.300	456179	9.985 ug/ml

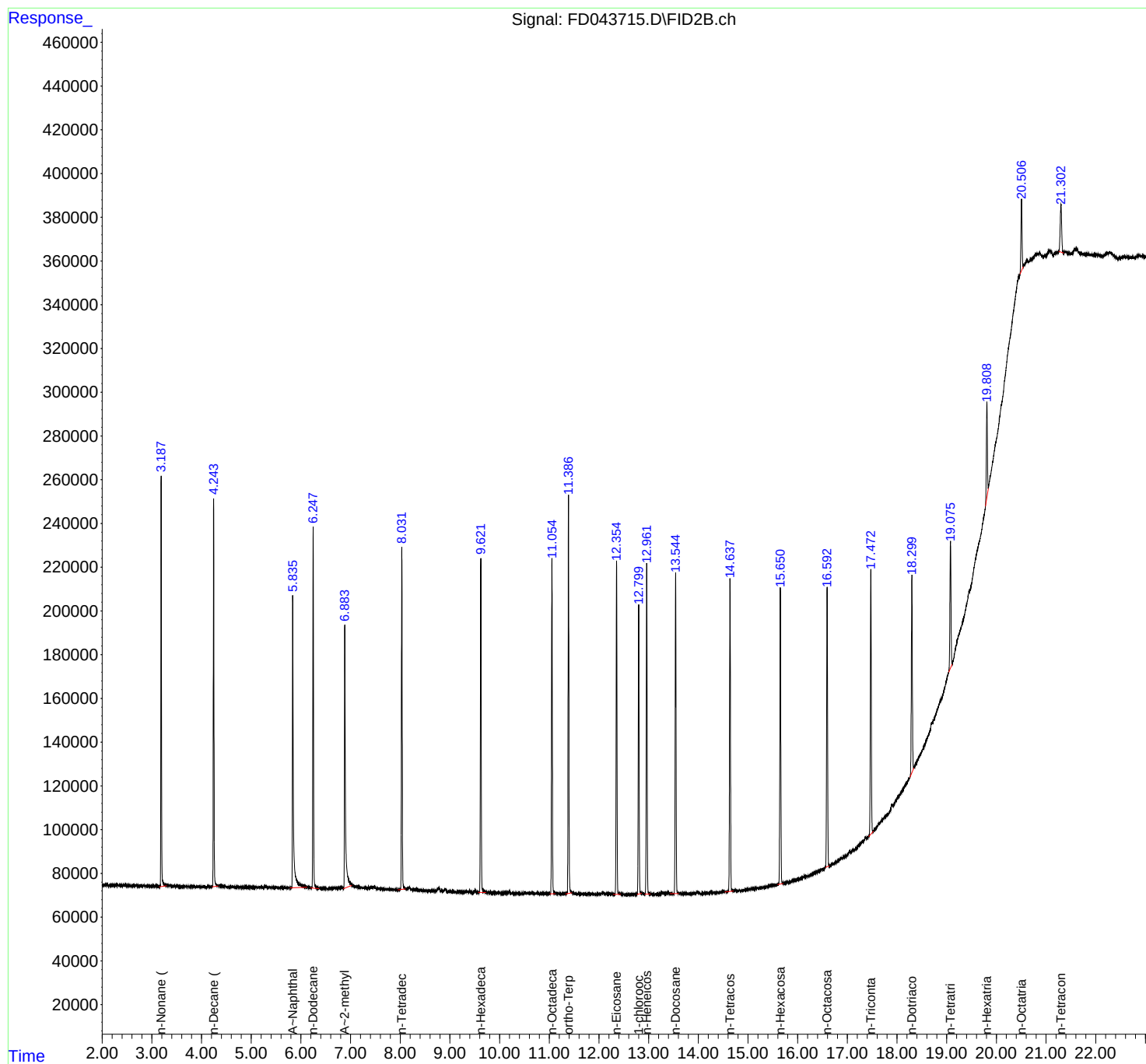
(f)=RT Delta > 1/2 Window

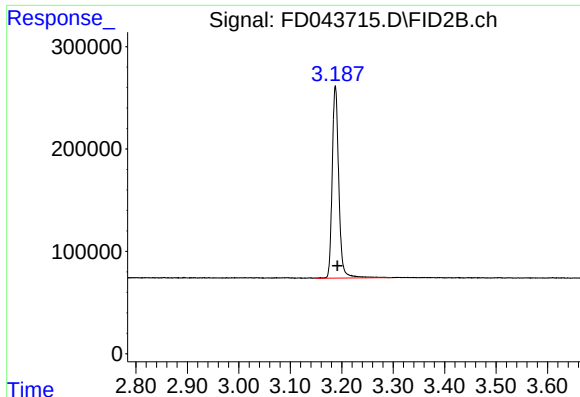
(m)=manual int.

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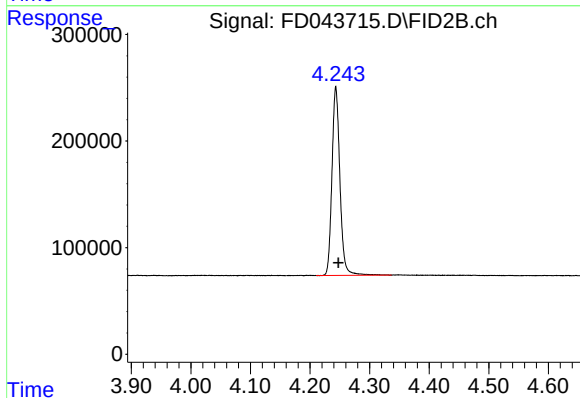
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Signal Info : 20M x 0.18mm x 0.18um





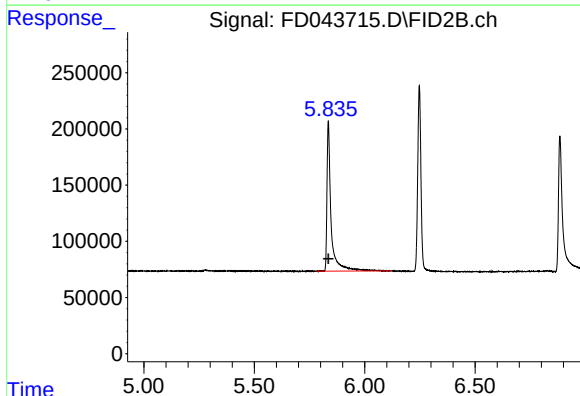
#1 n-Nonane (C9)

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 1670308
Conc: 10.93 ug/ml



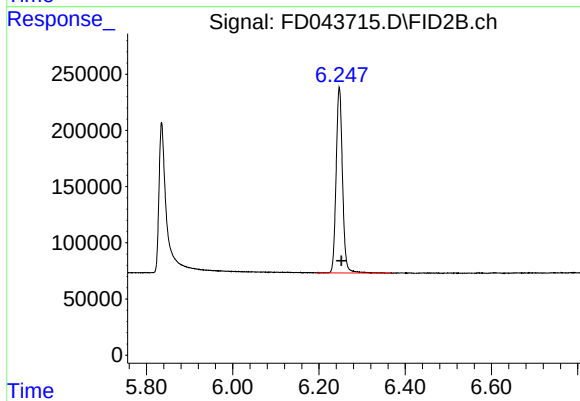
#2 n-Decane (C10)

R.T.: 4.243 min
Delta R.T.: -0.005 min
Response: 1644797
Conc: 10.77 ug/ml



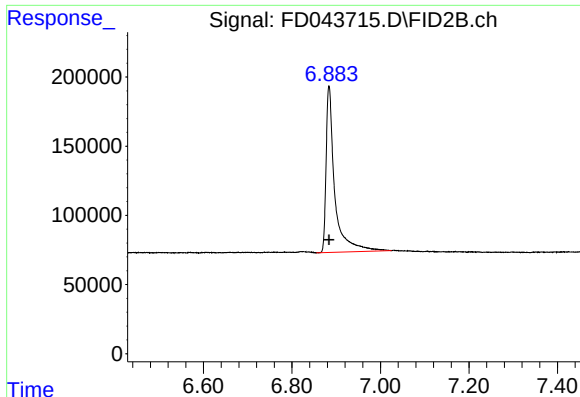
#3 A~Naphthalene (C11.7)

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 1756509
Conc: 10.43 ug/ml



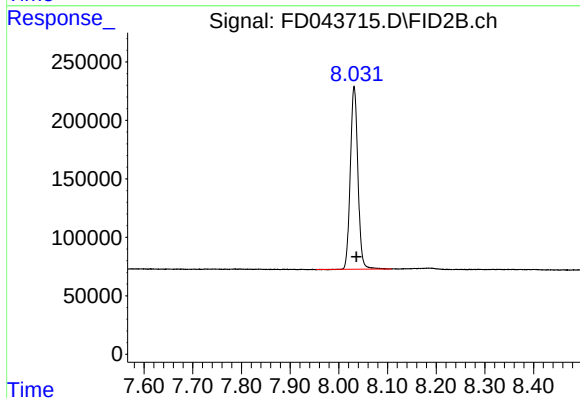
#4 n-Dodecane (C12)

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 1691022
Conc: 10.89 ug/ml



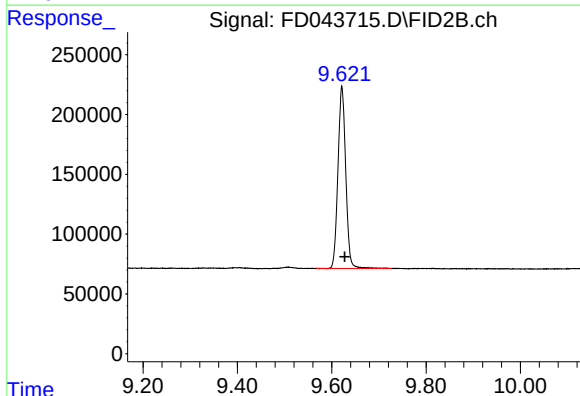
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 1636638
Conc: 9.64 ug/ml



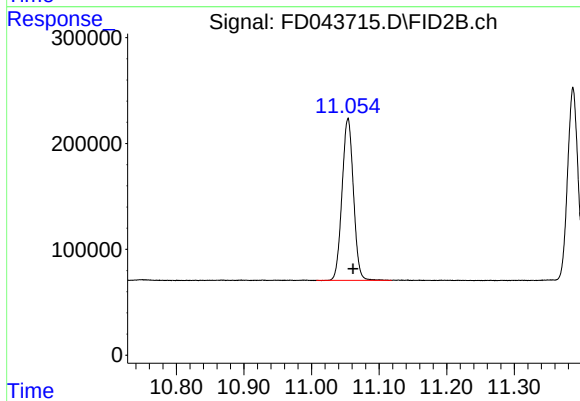
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 1698710
Conc: 10.78 ug/ml



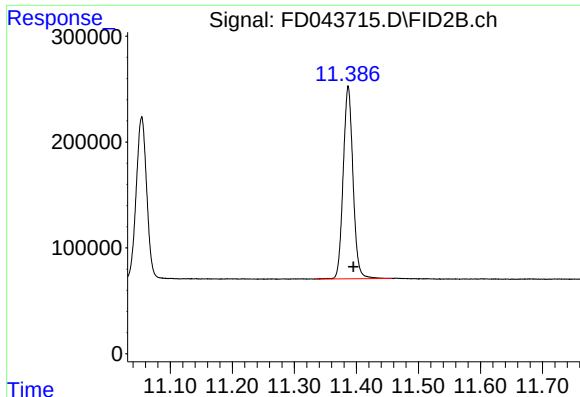
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: -0.006 min
Response: 1748357
Conc: 10.88 ug/ml



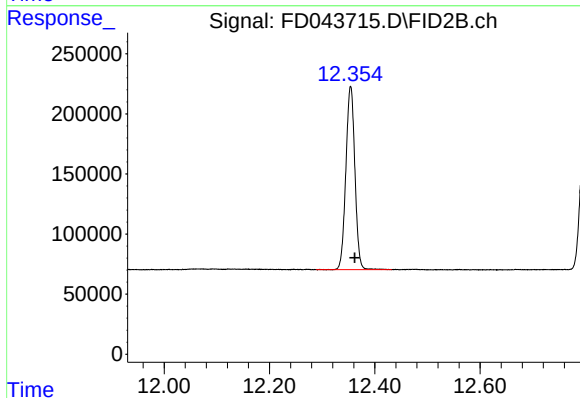
#8 n-Octadecane (C18)

R.T.: 11.054 min
Delta R.T.: -0.007 min
Response: 1792807
Conc: 10.91 ug/ml



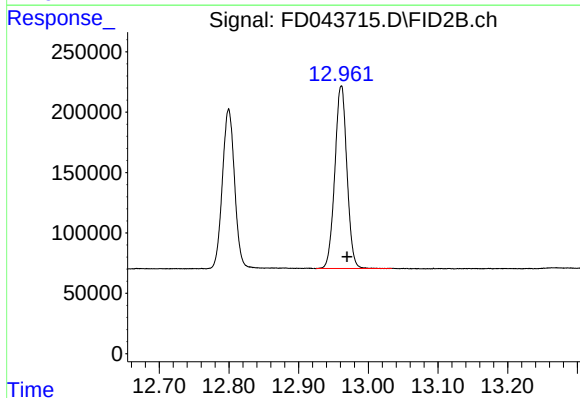
#9 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: -0.009 min
Response: 1997639
Conc: 10.87 ug/ml



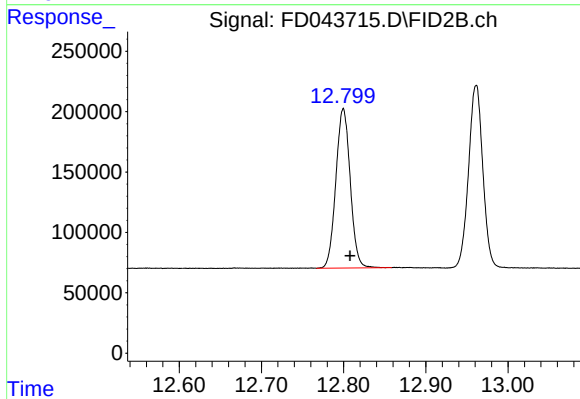
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.008 min
Response: 1811858
Conc: 11.00 ug/ml



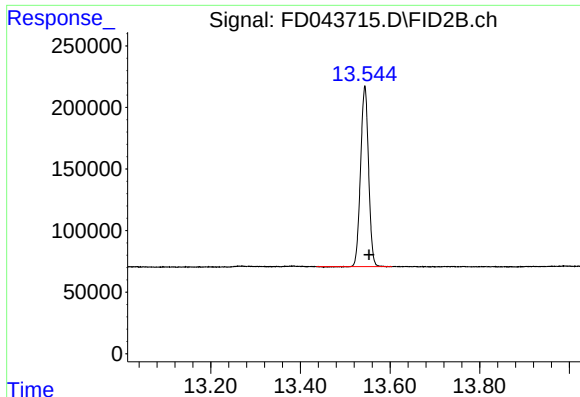
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: -0.008 min
Response: 1825287
Conc: 10.96 ug/ml



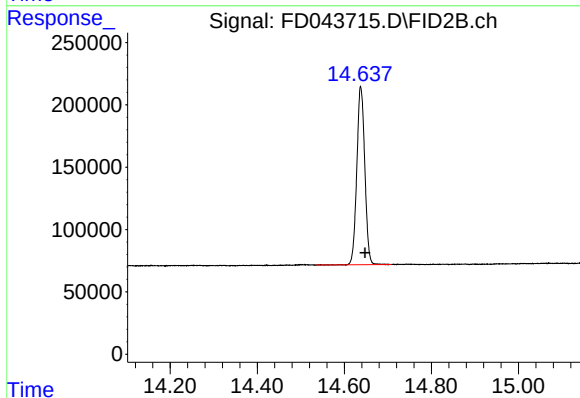
#12 1-chlorooctadecane (SURR)

R.T.: 12.800 min
Delta R.T.: -0.008 min
Response: 1601763
Conc: 10.76 ug/ml



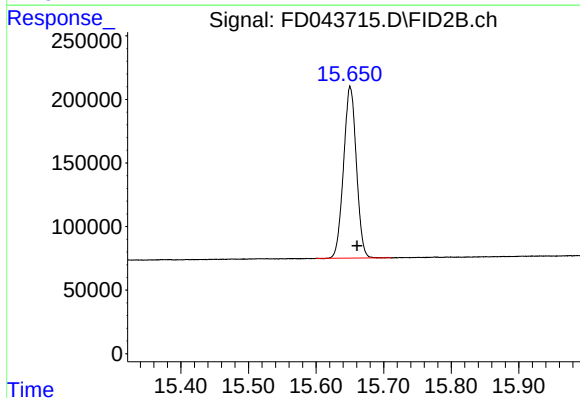
#13 n-Docosane (C22)

R.T.: 13.544 min
Delta R.T.: -0.009 min
Response: 1812509
Conc: 10.90 ug/ml



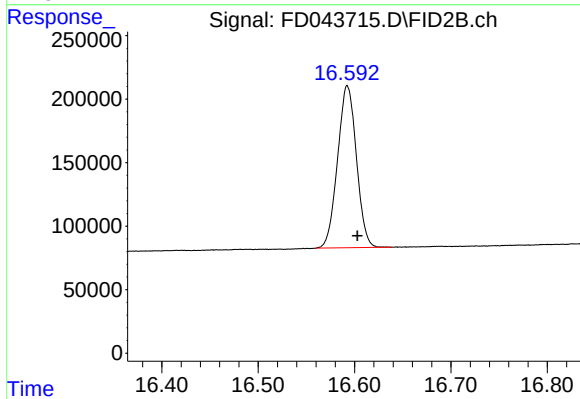
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: -0.010 min
Response: 1821274
Conc: 10.93 ug/ml



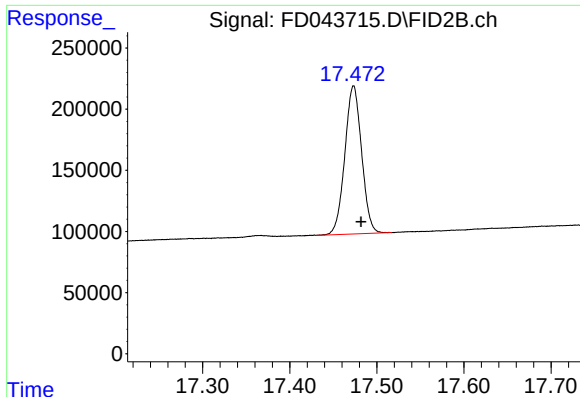
#15 n-Hexacosane (C26)

R.T.: 15.651 min
Delta R.T.: -0.010 min
Response: 1779617
Conc: 10.84 ug/ml



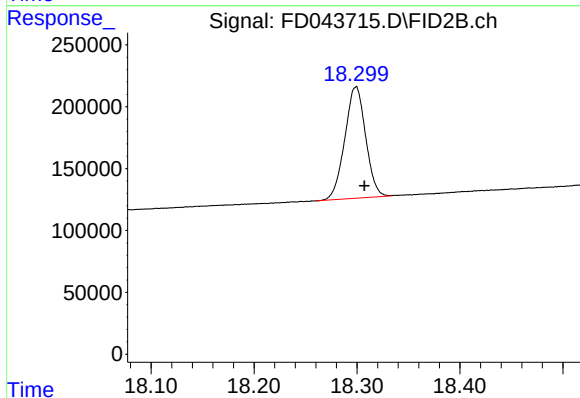
#16 n-Octacosane (C28)

R.T.: 16.593 min
Delta R.T.: -0.010 min
Response: 1729699
Conc: 10.79 ug/ml



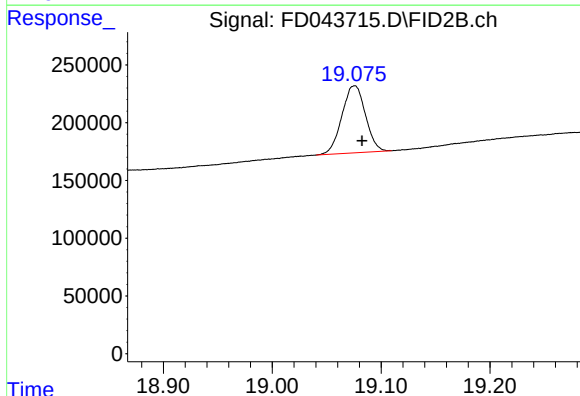
#17 n-Tricontane (C30)

R.T.: 17.473 min
Delta R.T.: -0.008 min
Response: 1620890
Conc: 10.86 ug/ml



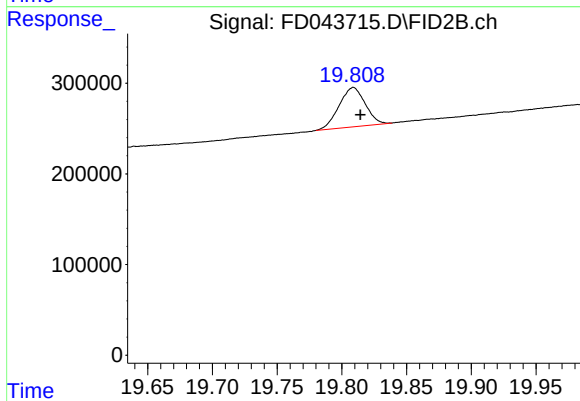
#18 n-Dotriacontane (C32)

R.T.: 18.299 min
Delta R.T.: -0.008 min
Response: 1270695
Conc: 10.85 ug/ml



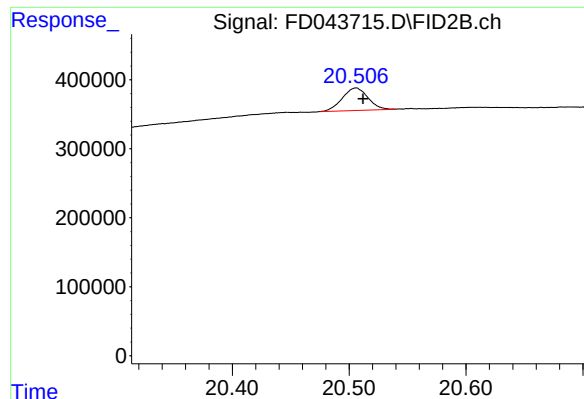
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: -0.007 min
Response: 874384
Conc: 10.71 ug/ml



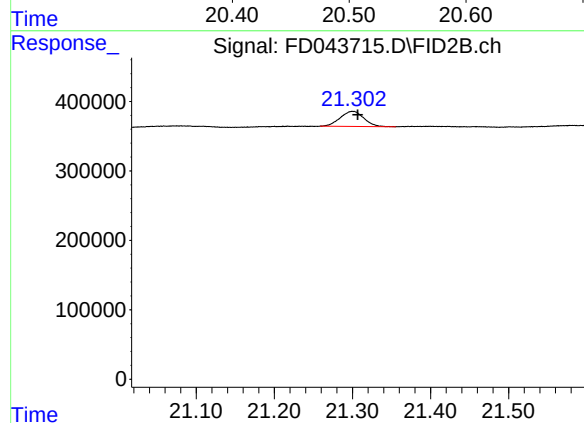
#20 n-Hexatriacontane (C36)

R.T.: 19.809 min
Delta R.T.: -0.005 min
Response: 608894
Conc: 10.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.506 min
Delta R.T.: -0.006 min
Response: 496118
Conc: 10.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.300 min
Delta R.T.: -0.007 min
Response: 456179
Conc: 9.98 ug/ml