

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AL\
 Data File : FD043716.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2022 14:02
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 14:27:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 14:04:40 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)	11.386	1002968	5.341 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
12) S 1-chlorooctadecane (S...	12.800	810708	5.345 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	3.185	829809	5.308 ug/ml
2) T n-Decane (C10)	4.242	814564	5.232 ug/ml
3) T A~Naphthalene (C11.7)	5.838	756283	4.444 ug/ml
4) T n-Dodecane (C12)	6.245	850587	5.357 ug/ml
5) T A~2-methylnaphthalene...	6.888	763026	4.536 ug/ml
6) T n-Tetradecane (C14)	8.030	863102	5.371 ug/ml
7) T n-Hexadecane (C16)	9.621	880630	5.362 ug/ml
8) T n-Octadecane (C18)	11.053	916331	5.453 ug/ml
10) T n-Eicosane (C20)	12.355	908454	5.379 ug/ml
11) T n-Heneicosane (C21)	12.962	932397	5.468 ug/ml
13) T n-Docosane (C22)	13.543	928000	5.458 ug/ml
14) T n-Tetracosane (C24)	14.638	919602	5.394 ug/ml
15) T n-Hexacosane (C26)	15.651	916734	5.467 ug/ml
16) T n-Octacosane (C28)	16.593	881702	5.393 ug/ml
17) T n-Tricontane (C30)	17.474	826109	5.418 ug/ml
18) T n-Dotriacontane (C32)	18.298	664081	5.554 ug/ml
19) T n-Tetratriacontane (C34)	19.075	445849	5.366 ug/ml
20) T n-Hexatriacontane (C36)	19.809	308131	5.209 ug/ml
21) T n-Octatriacontane (C38)	20.505	255919	5.251 ug/ml
22) T n-Tetracontane (C40)	21.300	241620	5.290 ug/ml

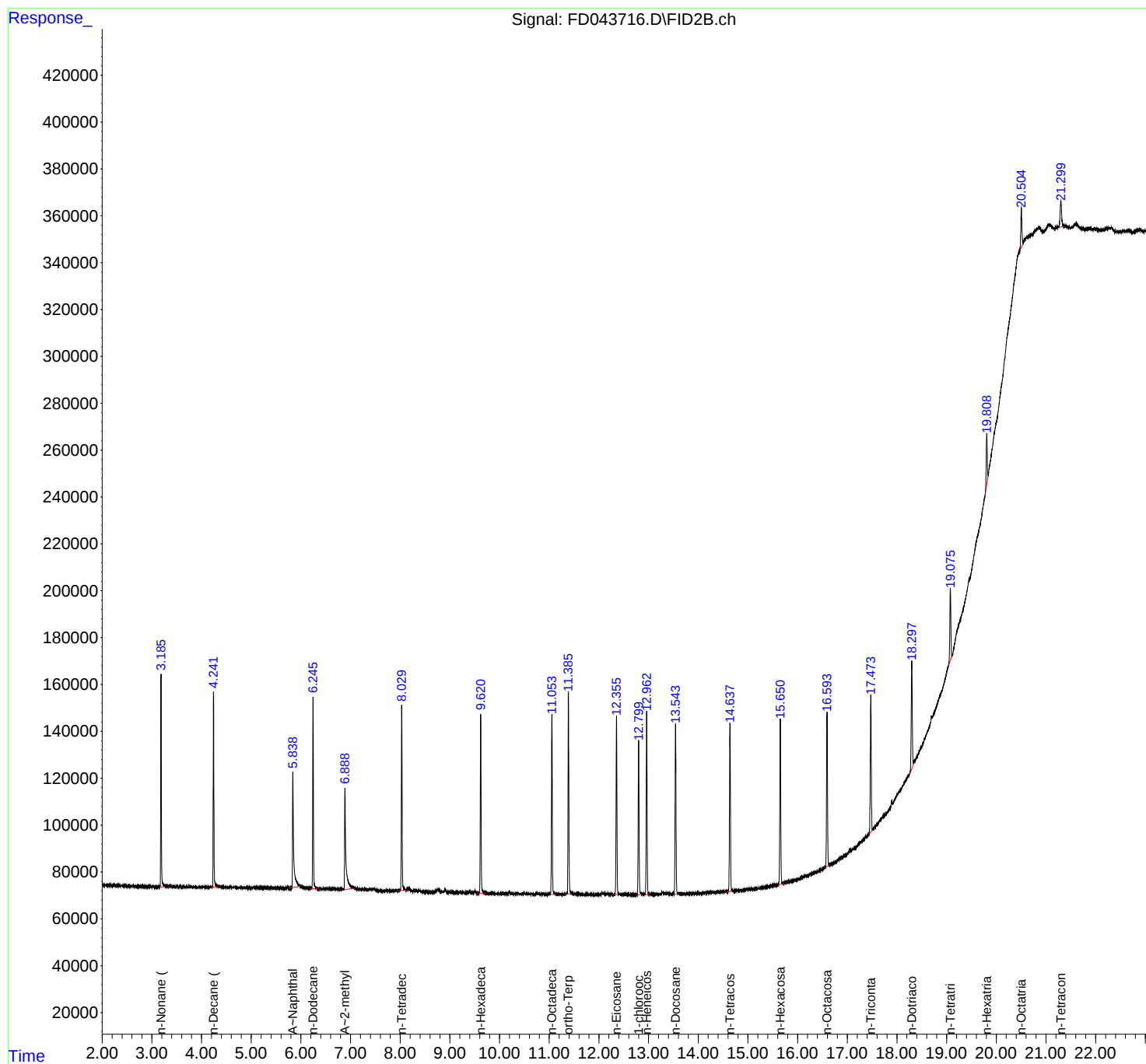
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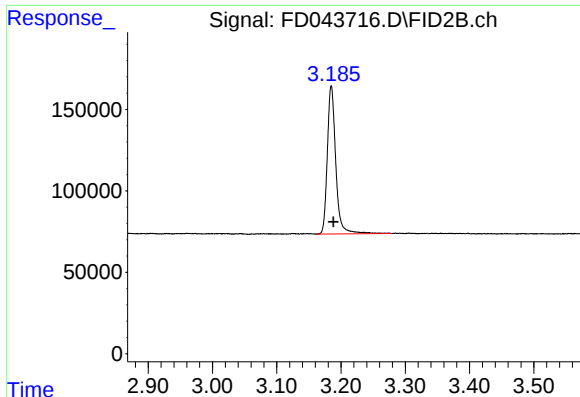
(m)=manual int.

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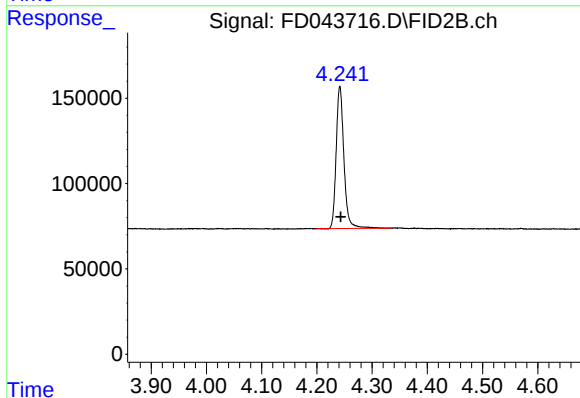
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Signal Info : 20M x 0.18mm x 0.18um





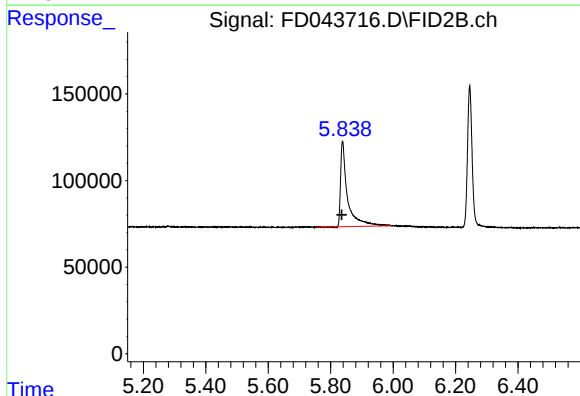
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: -0.003 min
Response: 829809
Conc: 5.31 ug/ml



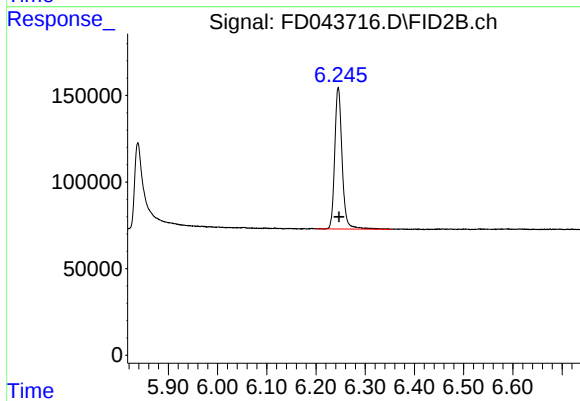
#2 n-Decane (C10)

R.T.: 4.242 min
Delta R.T.: -0.002 min
Response: 814564
Conc: 5.23 ug/ml



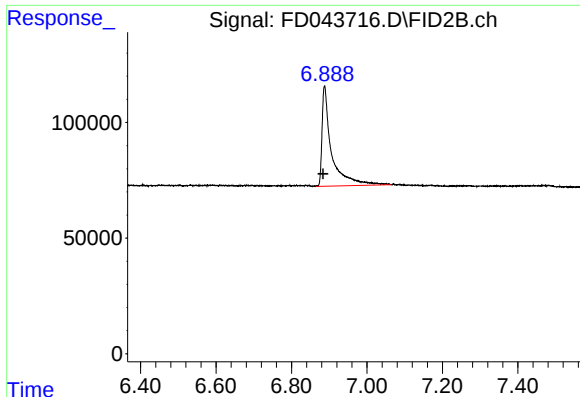
#3 A~Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: 0.003 min
Response: 756283
Conc: 4.44 ug/ml



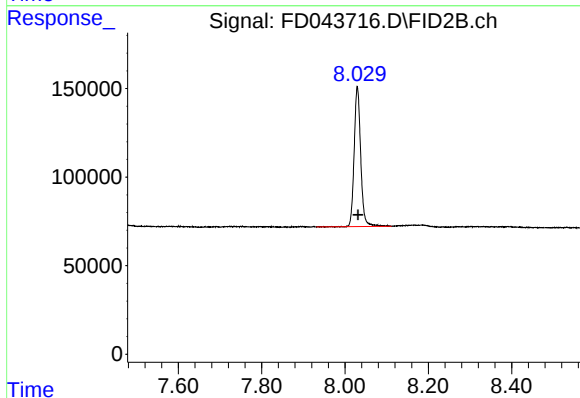
#4 n-Dodecane (C12)

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 850587
Conc: 5.36 ug/ml



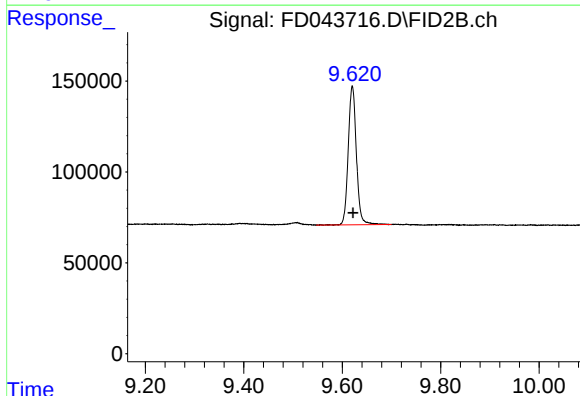
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: 0.004 min
Response: 763026
Conc: 4.54 ug/ml



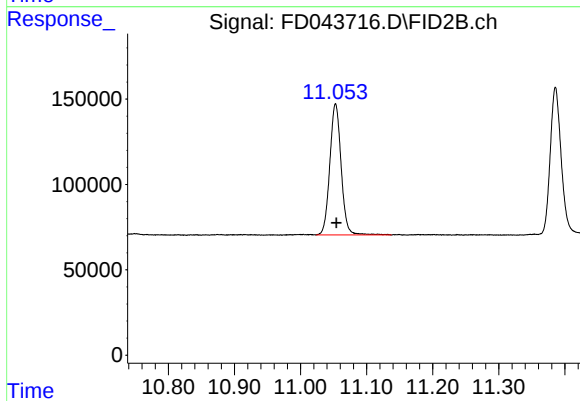
#6 n-Tetradecane (C14)

R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 863102
Conc: 5.37 ug/ml



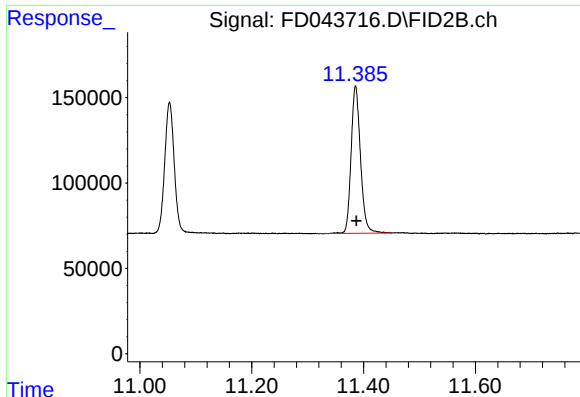
#7 n-Hexadecane (C16)

R.T.: 9.621 min
Delta R.T.: -0.001 min
Response: 880630
Conc: 5.36 ug/ml



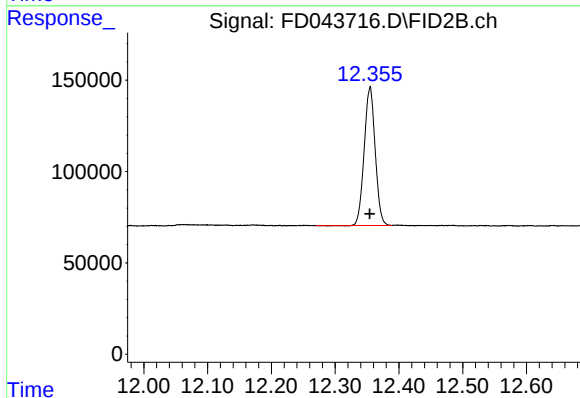
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: 0.000 min
Response: 916331
Conc: 5.45 ug/ml



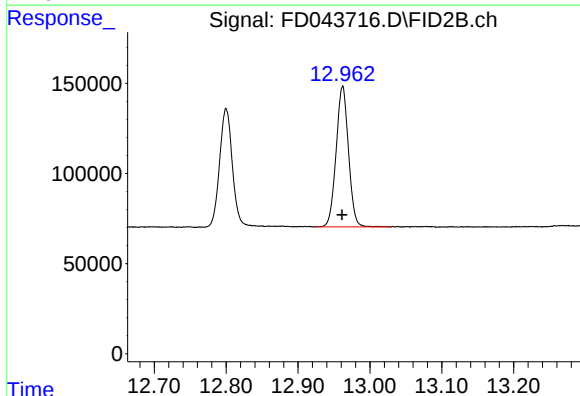
#9 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: -0.001 min
Response: 1002968
Conc: 5.34 ug/ml



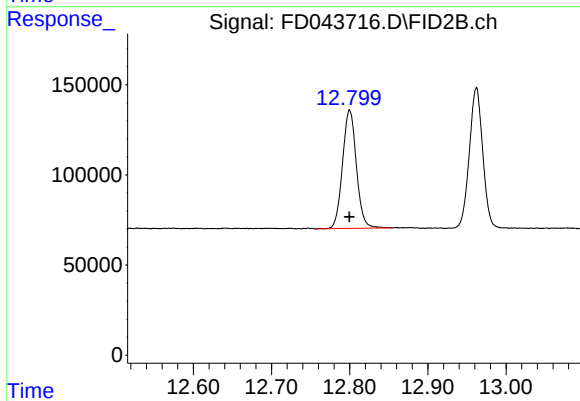
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 908454
Conc: 5.38 ug/ml



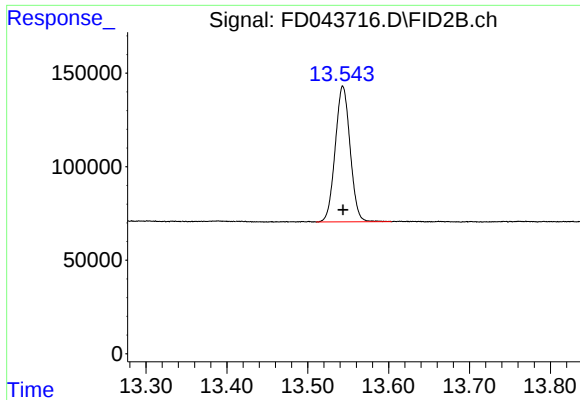
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 932397
Conc: 5.47 ug/ml



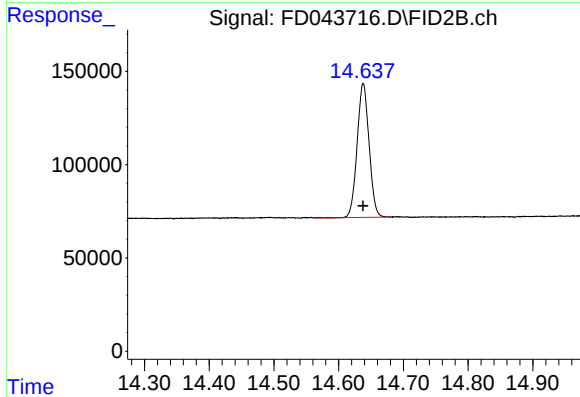
#12 1-chlorooctadecane (SURR)

R.T.: 12.800 min
Delta R.T.: 0.000 min
Response: 810708
Conc: 5.34 ug/ml



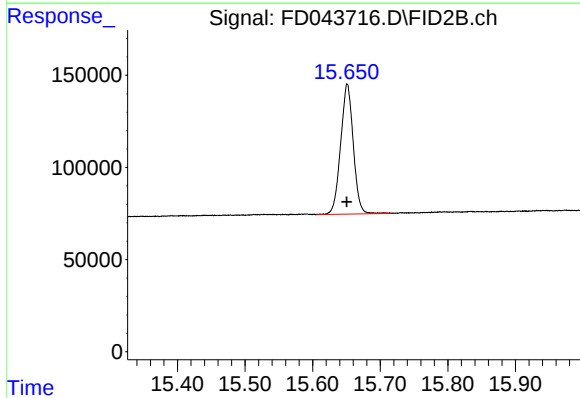
#13 n-Docosane (C22)

R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 928000
Conc: 5.46 ug/ml



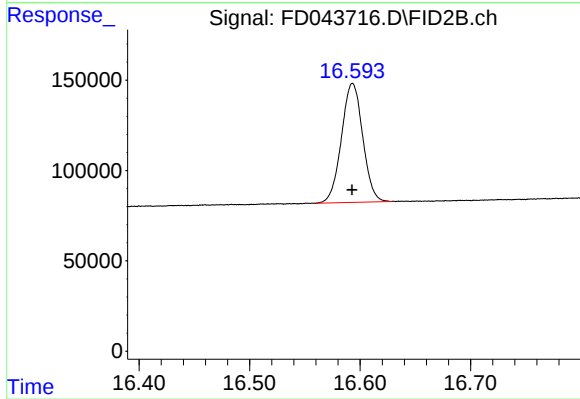
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 919602
Conc: 5.39 ug/ml



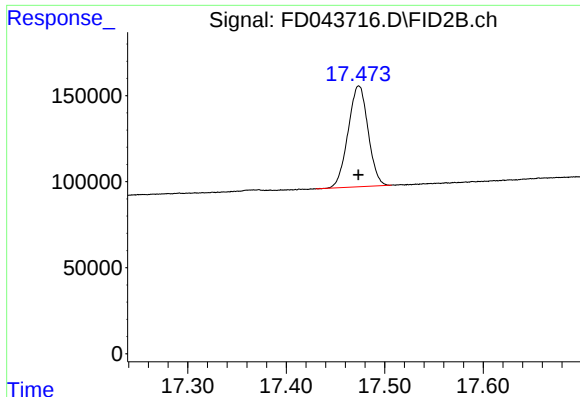
#15 n-Hexacosane (C26)

R.T.: 15.651 min
Delta R.T.: 0.000 min
Response: 916734
Conc: 5.47 ug/ml



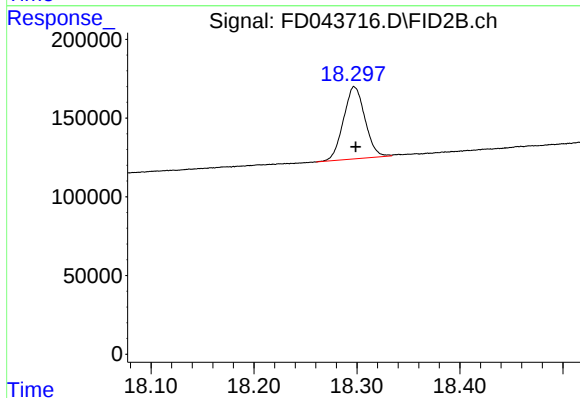
#16 n-Octacosane (C28)

R.T.: 16.593 min
Delta R.T.: 0.000 min
Response: 881702
Conc: 5.39 ug/ml



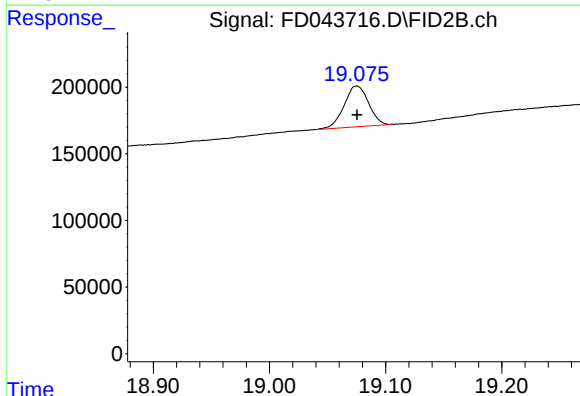
#17 n-Tricontane (C30)

R.T.: 17.474 min
Delta R.T.: 0.000 min
Response: 826109
Conc: 5.42 ug/ml



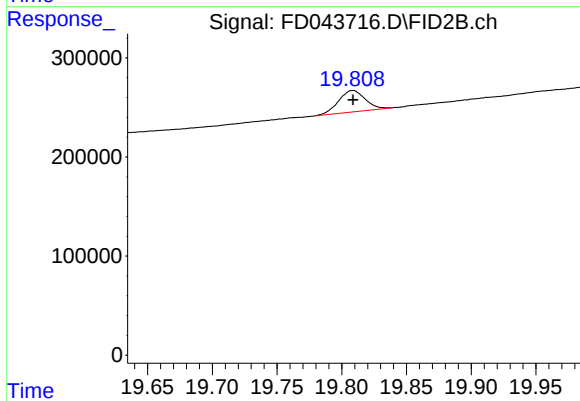
#18 n-Dotriacontane (C32)

R.T.: 18.298 min
Delta R.T.: -0.001 min
Response: 664081
Conc: 5.55 ug/ml



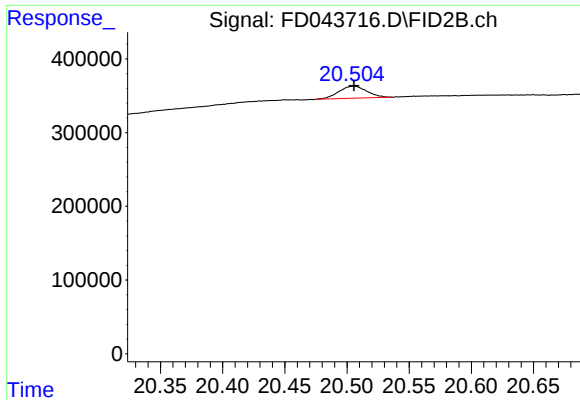
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: 0.000 min
Response: 445849
Conc: 5.37 ug/ml



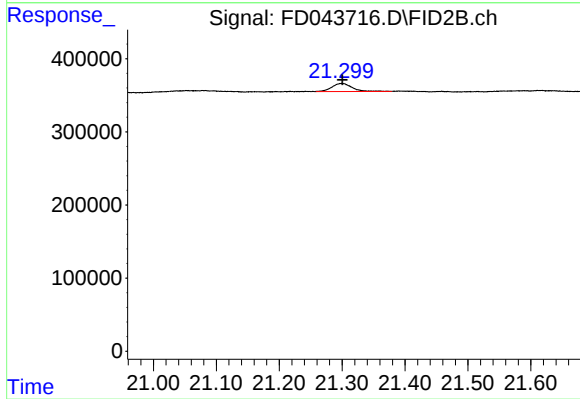
#20 n-Hexatriacontane (C36)

R.T.: 19.809 min
Delta R.T.: 0.000 min
Response: 308131
Conc: 5.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.505 min
Delta R.T.: 0.000 min
Response: 255919
Conc: 5.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.300 min
Delta R.T.: 0.000 min
Response: 241620
Conc: 5.29 ug/ml