

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AL\
 Data File : FD046811.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2023 06:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 07:25:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 05:30:45 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)	11.376	4373497	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.810	3240903	20.570 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.212	3326378	20.140 ug/ml
2) T n-Decane (C10)	4.265	3380388	20.388 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3752194	20.381 ug/ml
4) T n-Dodecane (C12)	6.266	3441080	20.424 ug/ml
5) T A~2-methylnaphthalene...	6.872	3711552	20.499 ug/ml
6) T n-Tetradecane (C14)	8.049	3441025	20.427 ug/ml
7) T n-Hexadecane (C16)	9.641	3536489	20.502 ug/ml
8) T n-Octadecane (C18)	11.073	3652981	20.508 ug/ml
10) T n-Eicosane (C20)	12.373	3629676	20.526 ug/ml
11) T n-Heneicosane (C21)	12.980	3609334	20.537 ug/ml
13) T n-Docosane (C22)	13.562	3602448	20.525 ug/ml
14) T n-Tetracosane (C24)	14.656	3618166	20.603 ug/ml
15) T n-Hexacosane (C26)	15.670	3501251	20.816 ug/ml
16) T n-Octacosane (C28)	16.612	3373911	20.903 ug/ml
17) T n-Tricontane (C30)	17.490	3308888	20.843 ug/ml
18) T n-Dotriacontane (C32)	18.317	3178678	20.804 ug/ml
19) T n-Tetratriacontane (C34)	19.094	2934846	20.506 ug/ml
20) T n-Hexatriacontane (C36)	19.827	2756824	20.559 ug/ml
21) T n-Octatriacontane (C38)	20.525	2599939	20.567 ug/ml
22) T n-Tetracontane (C40)	21.334	2372104	20.416 ug/ml

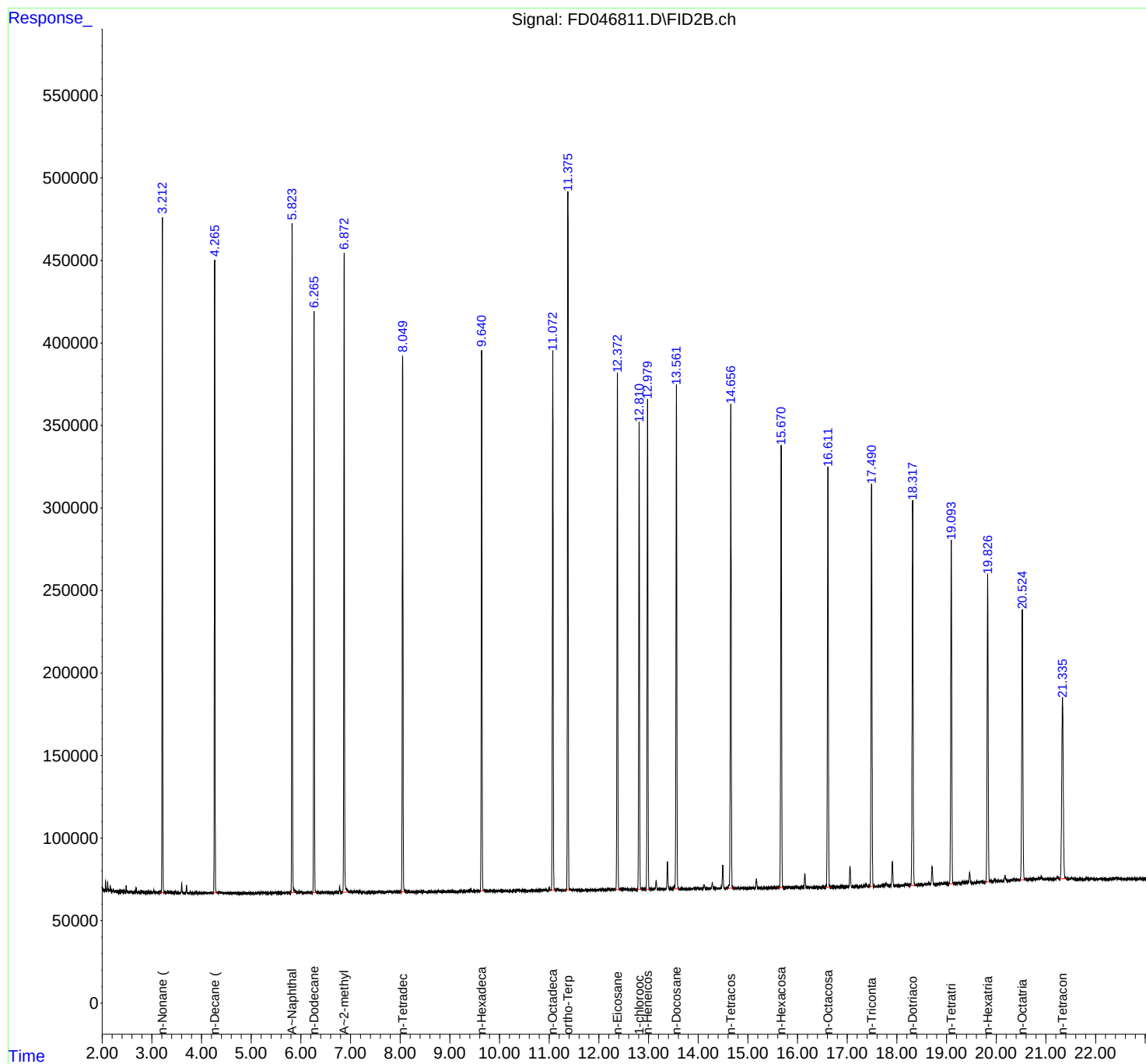
(f)=RT Delta > 1/2 Window

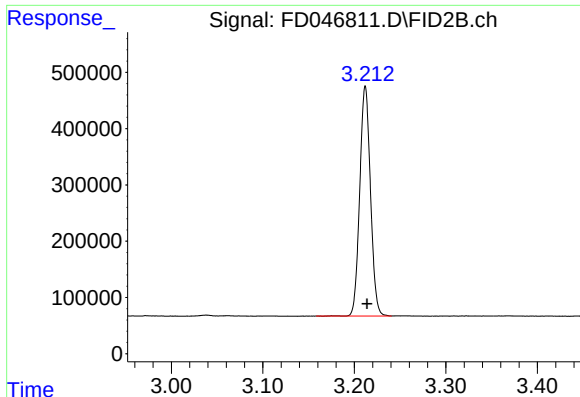
(m)=manual int.

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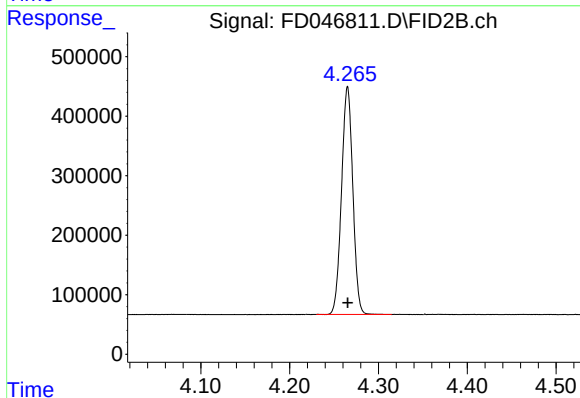
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Signal Info : 20M x 0.18mm x 0.18um





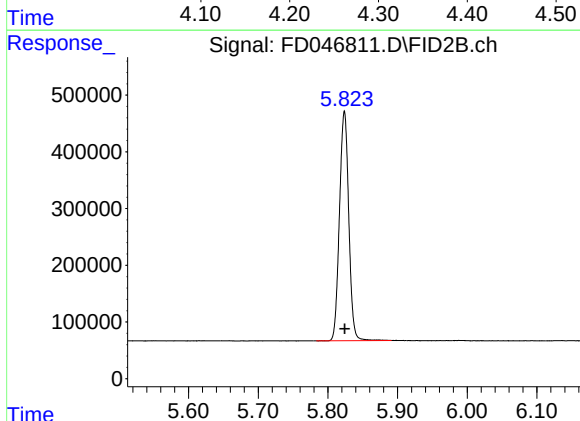
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: -0.002 min
Response: 3326378
Conc: 20.14 ug/ml



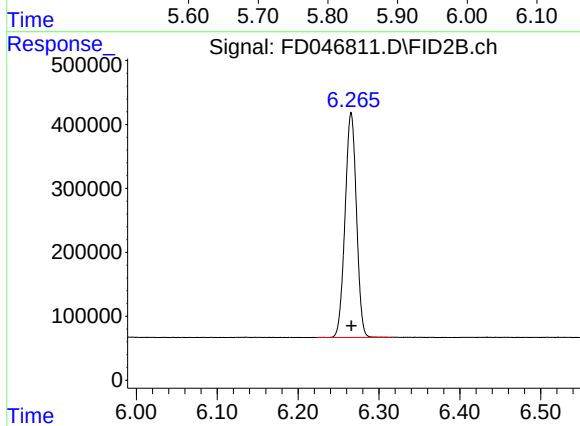
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 3380388
Conc: 20.39 ug/ml



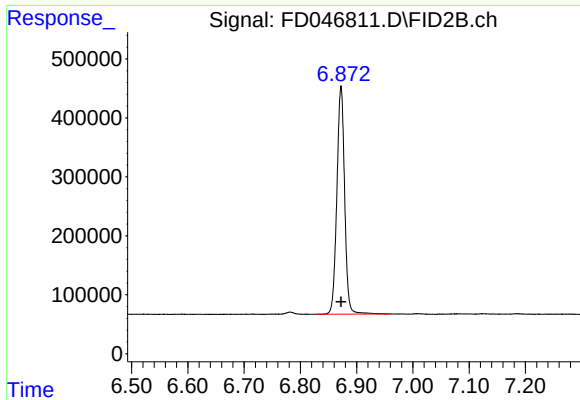
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 3752194
Conc: 20.38 ug/ml



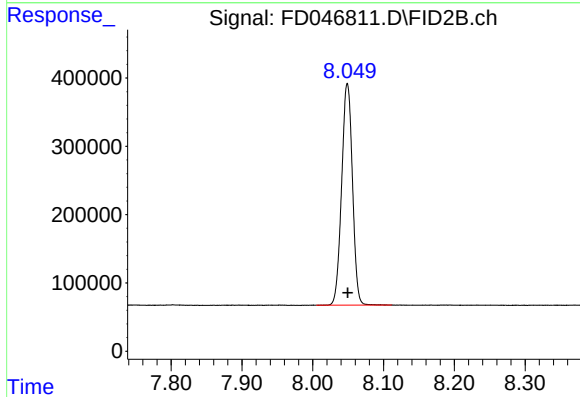
#4 n-Dodecane (C12)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 3441080
Conc: 20.42 ug/ml



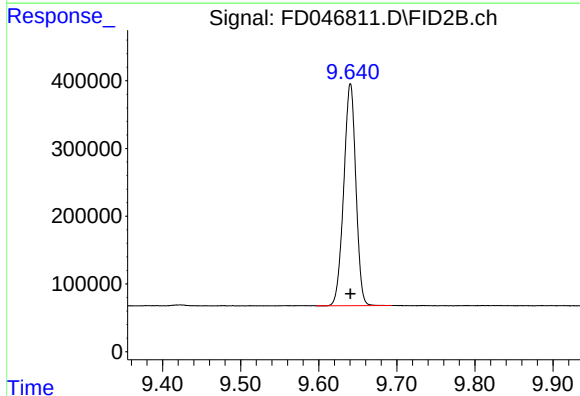
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 3711552
Conc: 20.50 ug/ml



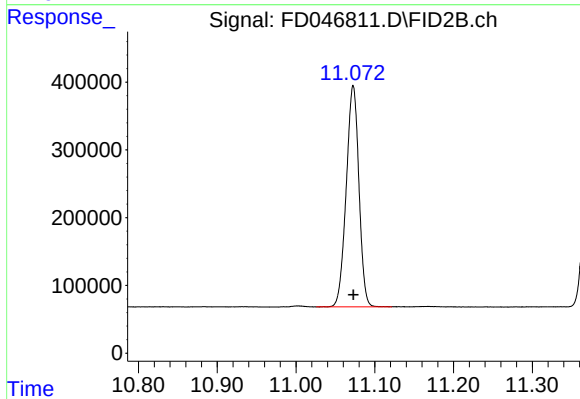
#6 n-Tetradecane (C14)

R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 3441025
Conc: 20.43 ug/ml



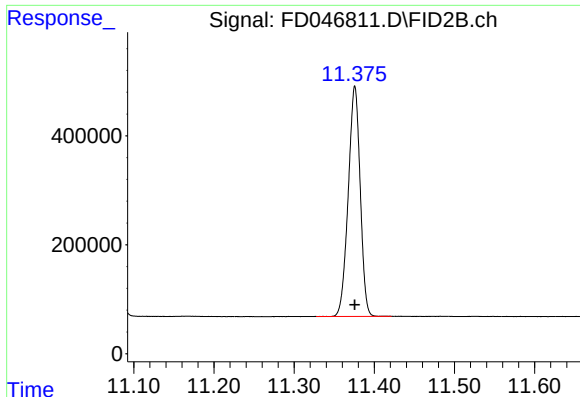
#7 n-Hexadecane (C16)

R.T.: 9.641 min
Delta R.T.: 0.000 min
Response: 3536489
Conc: 20.50 ug/ml



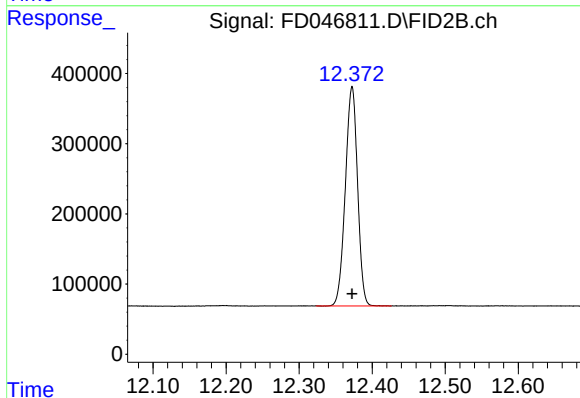
#8 n-Octadecane (C18)

R.T.: 11.073 min
Delta R.T.: 0.000 min
Response: 3652981
Conc: 20.51 ug/ml



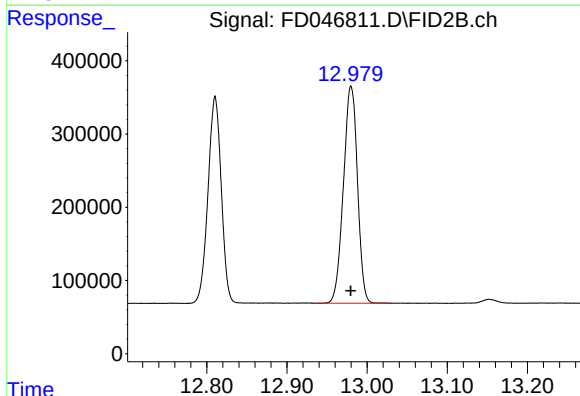
#9 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.000 min
Response: 4373497
Conc: 20.38 ug/ml



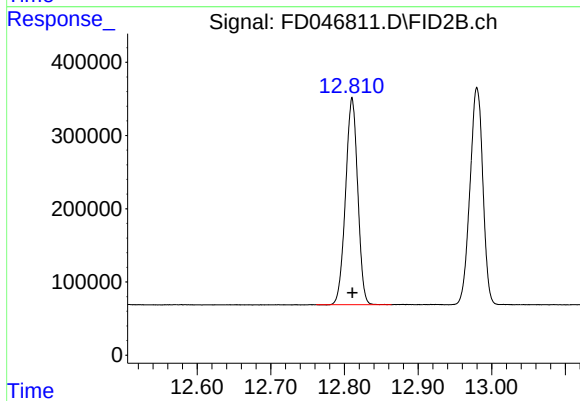
#10 n-Eicosane (C20)

R.T.: 12.373 min
Delta R.T.: 0.000 min
Response: 3629676
Conc: 20.53 ug/ml



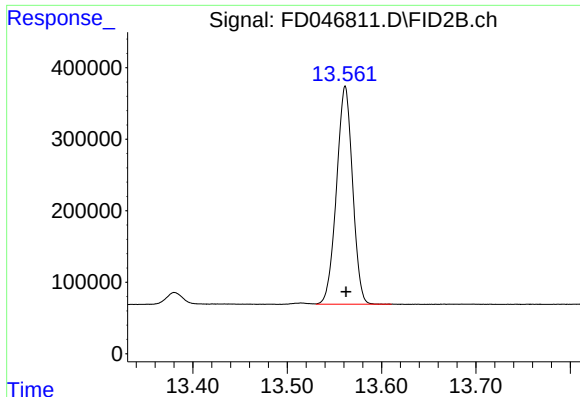
#11 n-Heneicosane (C21)

R.T.: 12.980 min
Delta R.T.: 0.000 min
Response: 3609334
Conc: 20.54 ug/ml



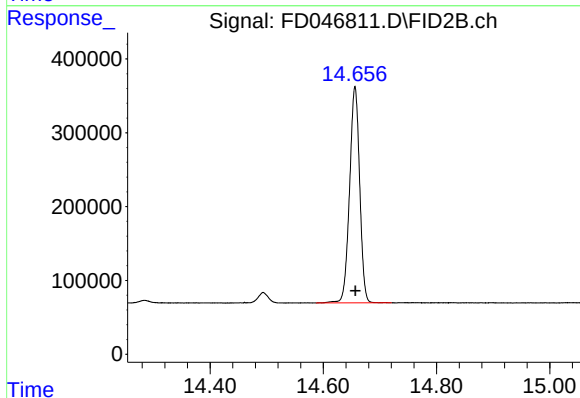
#12 1-chlorooctadecane (SURR)

R.T.: 12.810 min
Delta R.T.: 0.000 min
Response: 3240903
Conc: 20.57 ug/ml



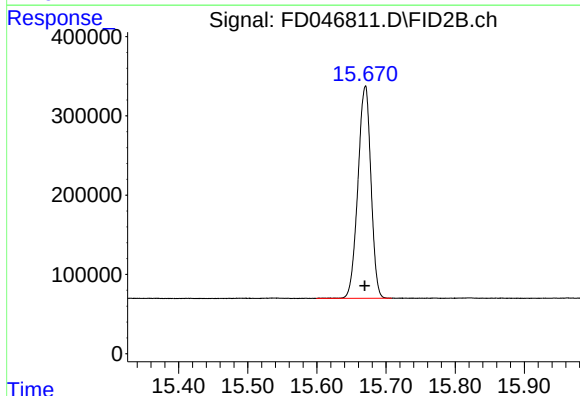
#13 n-Docosane (C22)

R.T.: 13.562 min
Delta R.T.: 0.000 min
Response: 3602448
Conc: 20.52 ug/ml



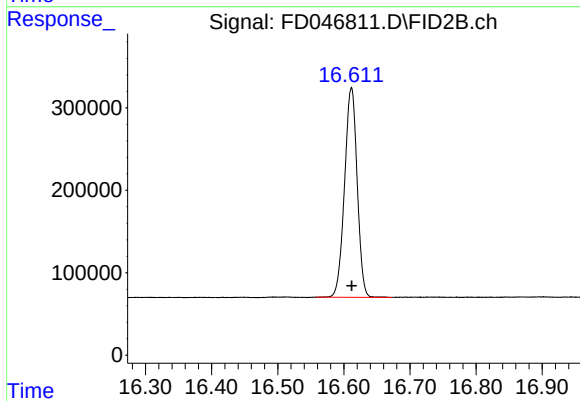
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.000 min
Response: 3618166
Conc: 20.60 ug/ml



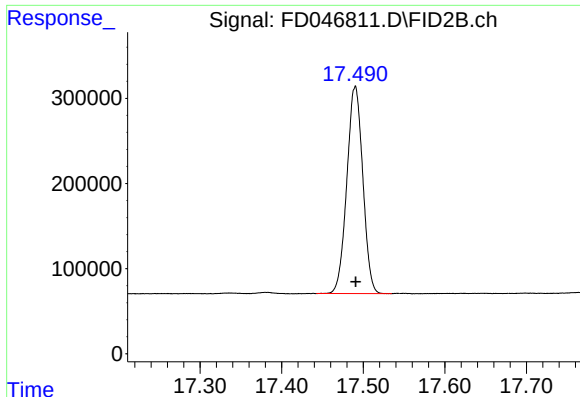
#15 n-Hexacosane (C26)

R.T.: 15.670 min
Delta R.T.: 0.000 min
Response: 3501251
Conc: 20.82 ug/ml



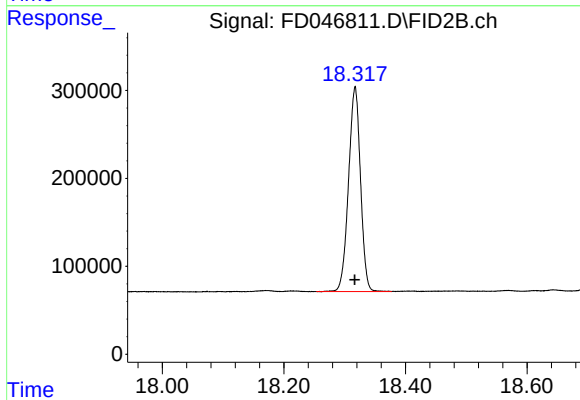
#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: 0.000 min
Response: 3373911
Conc: 20.90 ug/ml



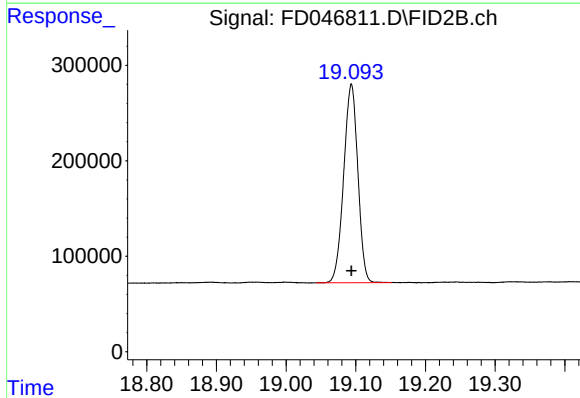
#17 n-Tricontane (C30)

R.T.: 17.490 min
Delta R.T.: 0.000 min
Response: 3308888
Conc: 20.84 ug/ml



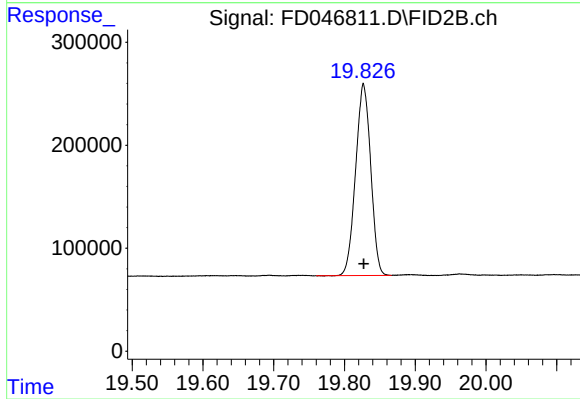
#18 n-Dotriacontane (C32)

R.T.: 18.317 min
Delta R.T.: 0.000 min
Response: 3178678
Conc: 20.80 ug/ml



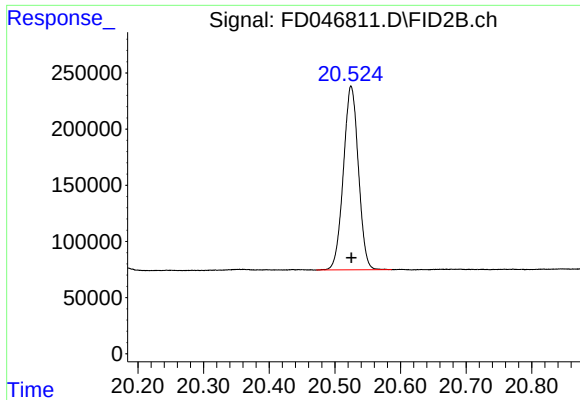
#19 n-Tetratriacontane (C34)

R.T.: 19.094 min
Delta R.T.: 0.000 min
Response: 2934846
Conc: 20.51 ug/ml



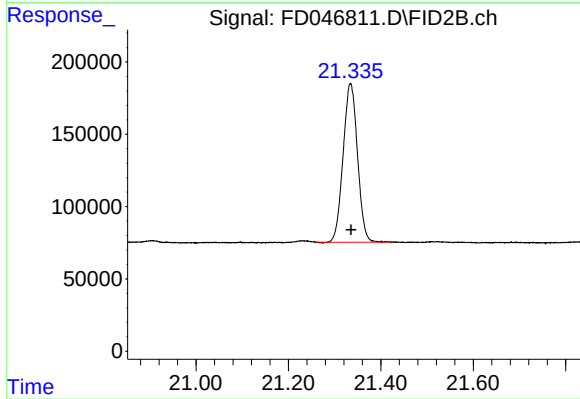
#20 n-Hexatriacontane (C36)

R.T.: 19.827 min
Delta R.T.: 0.000 min
Response: 2756824
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: 0.000 min
Response: 2599939
Conc: 20.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.334 min
Delta R.T.: -0.001 min
Response: 2372104
Conc: 20.42 ug/ml