

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092622AL\
 Data File : FD043959.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2022 08:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 27 09:39:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 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)	11.309	3709073	21.687 ug/ml
Spiked Amount 50.000		Recovery =	43.37%
12) S 1-chlorooctadecane (S...	12.727	2892544	21.739 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
Target Compounds			
1) T n-Nonane (C9)	3.145	3220615	22.364 ug/ml
2) T n-Decane (C10)	4.193	3277872	22.605 ug/ml
3) T A~Naphthalene (C11.7)	5.762	3373209	23.843 ug/ml
4) T n-Dodecane (C12)	6.188	3356400	22.436 ug/ml
5) T A~2-methylnaphthalene...	6.808	3329872	24.128 ug/ml
6) T n-Tetradecane (C14)	7.969	3399785	22.526 ug/ml
7) T n-Hexadecane (C16)	9.556	3447870	22.542 ug/ml
8) T n-Octadecane (C18)	10.987	3506715	22.241 ug/ml
10) T n-Eicosane (C20)	12.286	3491539	21.820 ug/ml
11) T n-Heneicosane (C21)	12.893	3469040	21.504 ug/ml
13) T n-Docosane (C22)	13.474	3430973	21.338 ug/ml
14) T n-Tetracosane (C24)	14.567	3341815	21.087 ug/ml
15) T n-Hexacosane (C26)	15.578	3216398	20.652 ug/ml
16) T n-Octacosane (C28)	16.519	3073552	20.300 ug/ml
17) T n-Tricontane (C30)	17.397	3053218	20.492 ug/ml
18) T n-Dotriacontane (C32)	18.221	3003219	21.038 ug/ml
19) T n-Tetratriacontane (C34)	18.994	2572953	19.686 ug/ml
20) T n-Hexatriacontane (C36)	19.725	2287709	18.484 ug/mlm
21) T n-Octatriacontane (C38)	20.417	2031386	17.388 ug/ml
22) T n-Tetracontane (C40)	21.179	2017194	18.251 ug/ml

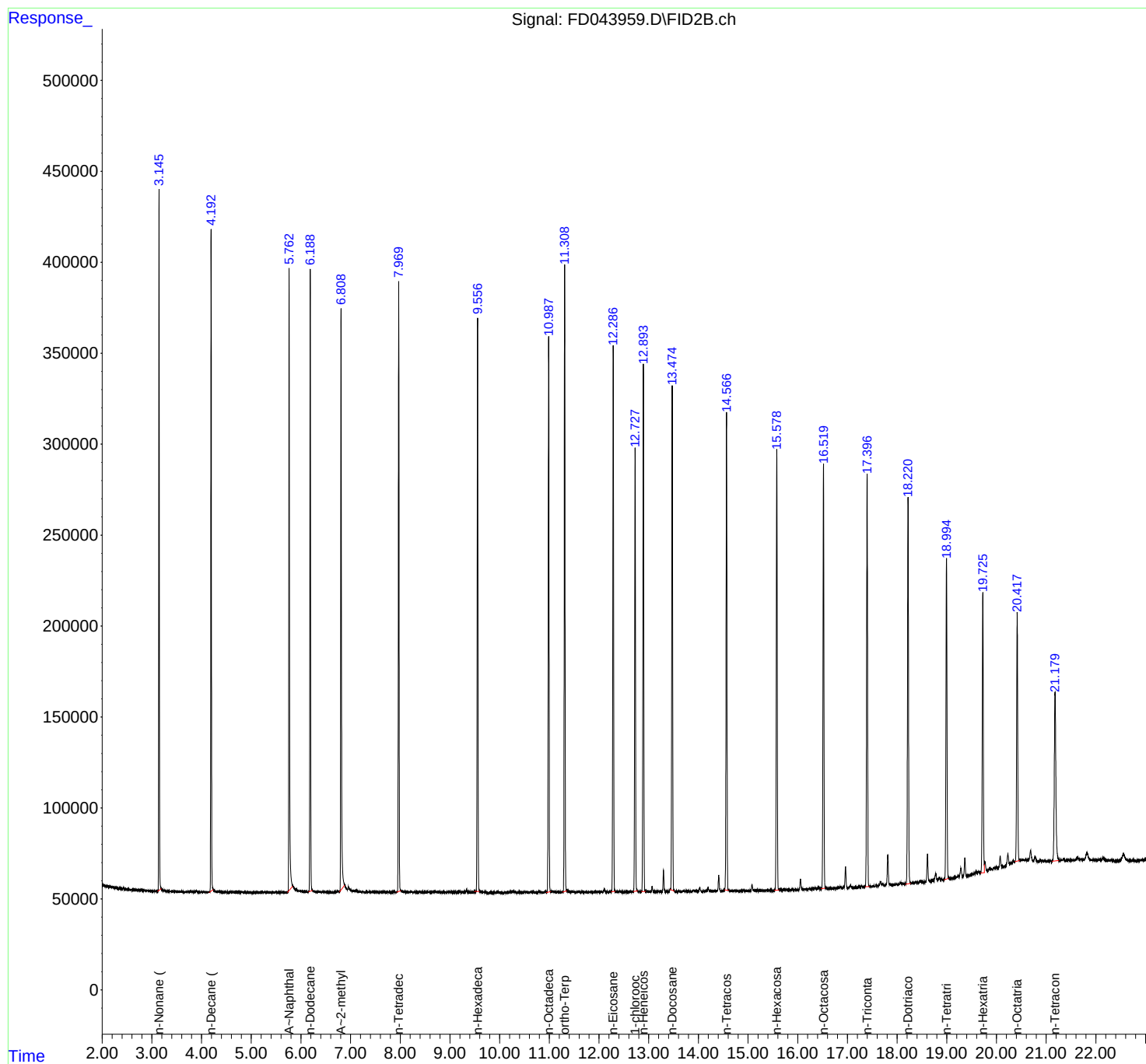
(f)=RT Delta > 1/2 Window

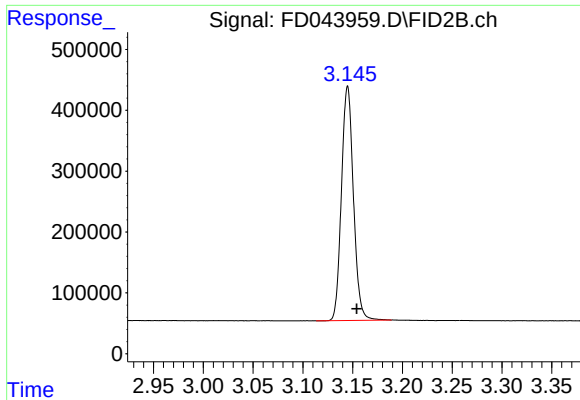
(m)=manual int.

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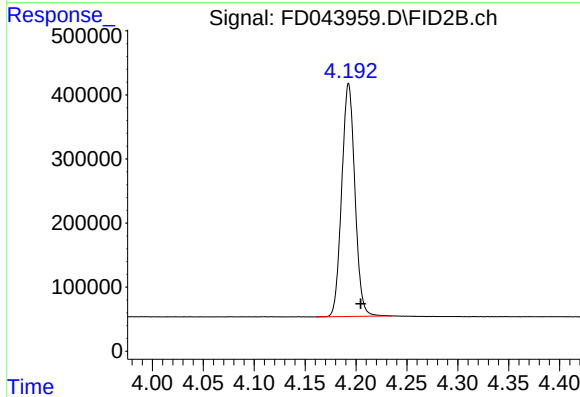
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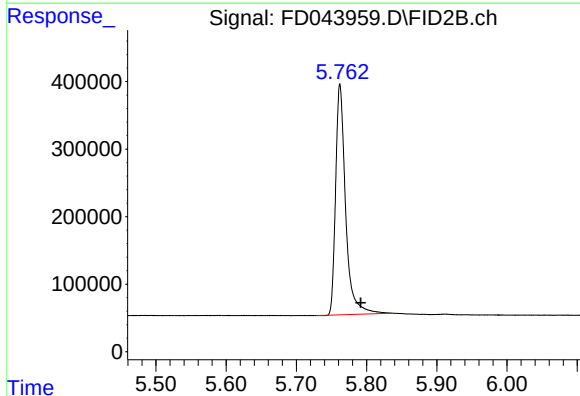
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: -0.009 min
Response: 3220615
Conc: 22.36 ug/ml



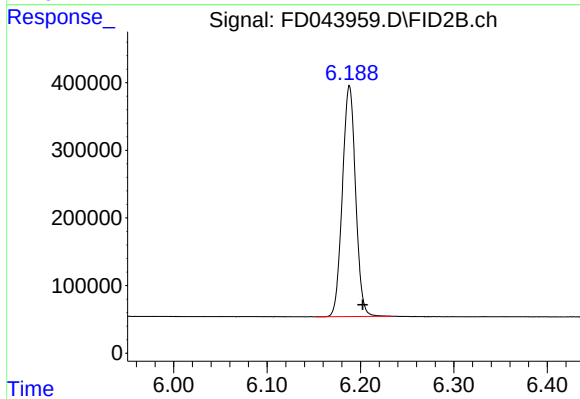
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: -0.012 min
Response: 3277872
Conc: 22.61 ug/ml



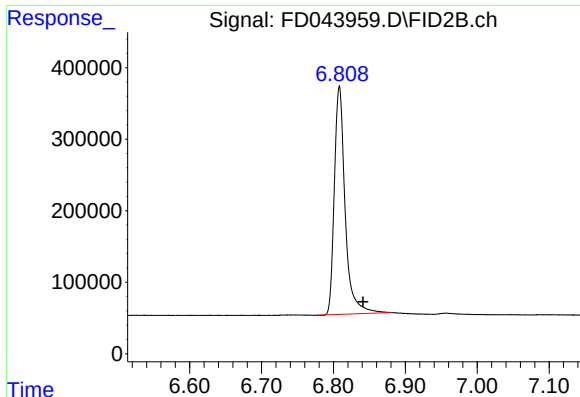
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.030 min
Response: 3373209
Conc: 23.84 ug/ml



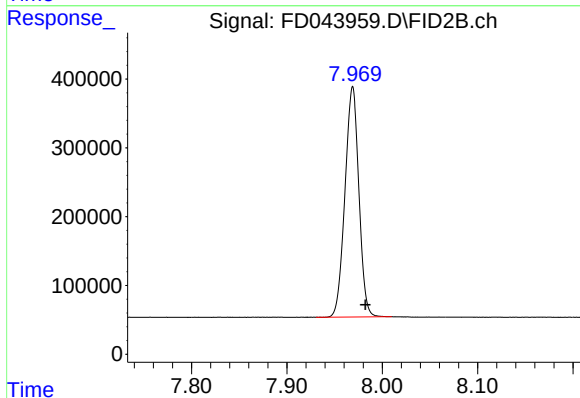
#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: -0.014 min
Response: 3356400
Conc: 22.44 ug/ml



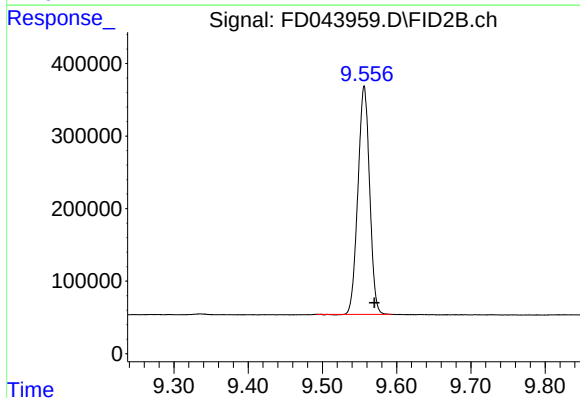
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.033 min
Response: 3329872
Conc: 24.13 ug/ml



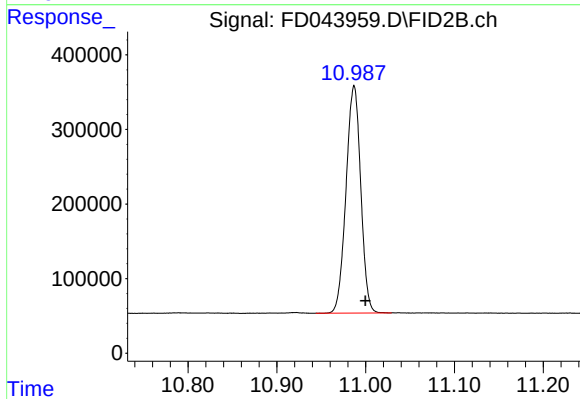
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: -0.013 min
Response: 3399785
Conc: 22.53 ug/ml



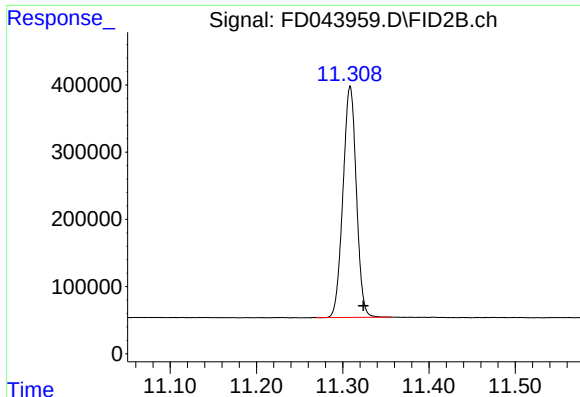
#7 n-Hexadecane (C16)

R.T.: 9.556 min
Delta R.T.: -0.014 min
Response: 3447870
Conc: 22.54 ug/ml



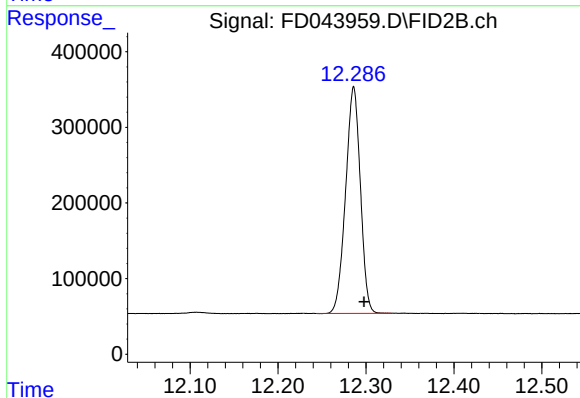
#8 n-Octadecane (C18)

R.T.: 10.987 min
Delta R.T.: -0.012 min
Response: 3506715
Conc: 22.24 ug/ml



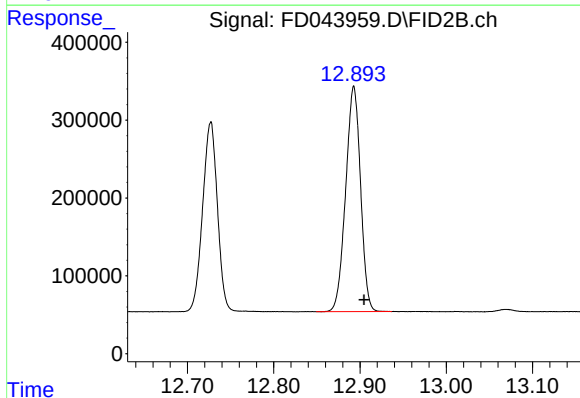
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: -0.015 min
Response: 3709073
Conc: 21.69 ug/ml



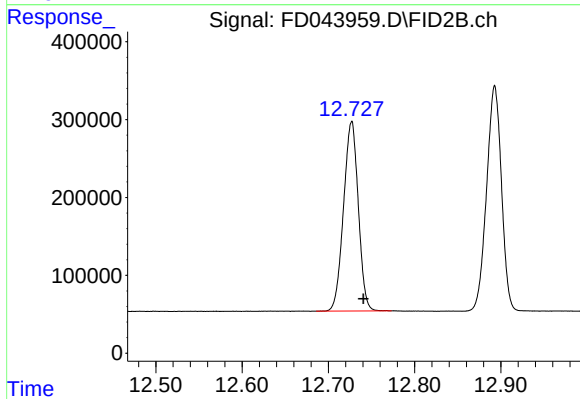
#10 n-Eicosane (C20)

R.T.: 12.286 min
Delta R.T.: -0.012 min
Response: 3491539
Conc: 21.82 ug/ml



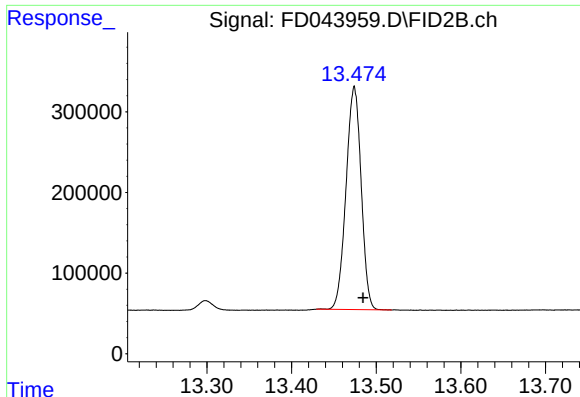
#11 n-Heneicosane (C21)

R.T.: 12.893 min
Delta R.T.: -0.012 min
Response: 3469040
Conc: 21.50 ug/ml



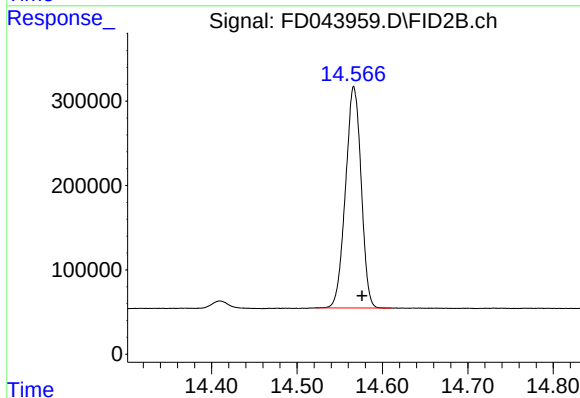
#12 1-chlorooctadecane (SURR)

R.T.: 12.727 min
Delta R.T.: -0.013 min
Response: 2892544
Conc: 21.74 ug/ml



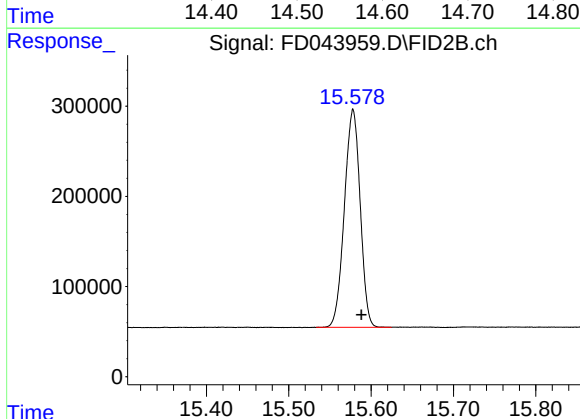
#13 n-Docosane (C22)

R.T.: 13.474 min
Delta R.T.: -0.010 min
Response: 3430973
Conc: 21.34 ug/ml



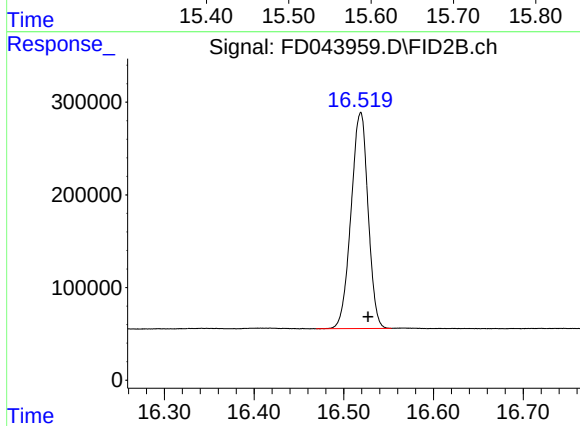
#14 n-Tetracosane (C24)

R.T.: 14.567 min
Delta R.T.: -0.010 min
Response: 3341815
Conc: 21.09 ug/ml



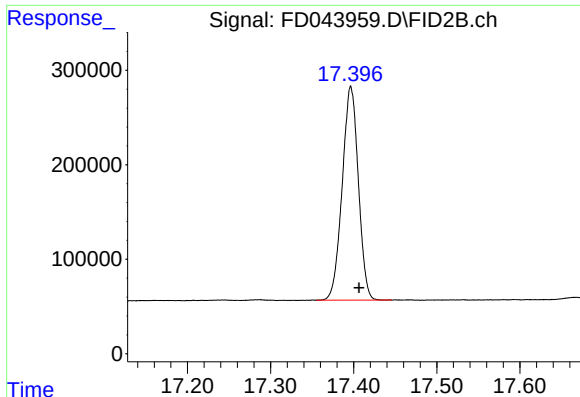
#15 n-Hexacosane (C26)

R.T.: 15.578 min
Delta R.T.: -0.010 min
Response: 3216398
Conc: 20.65 ug/ml



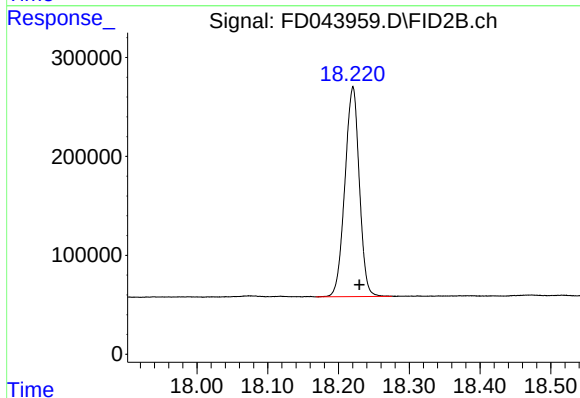
#16 n-Octacosane (C28)

R.T.: 16.519 min
Delta R.T.: -0.008 min
Response: 3073552
Conc: 20.30 ug/ml



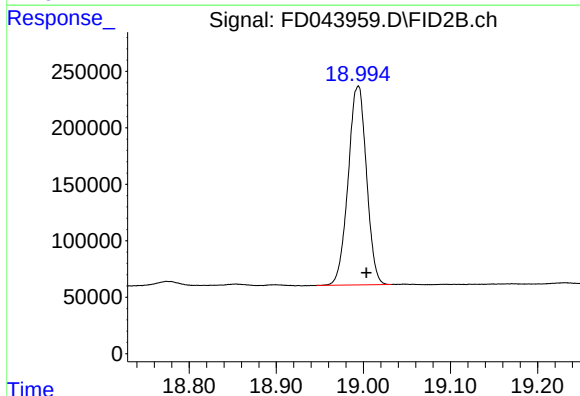
#17 n-Tricontane (C30)

R.T.: 17.397 min
Delta R.T.: -0.010 min
Response: 3053218
Conc: 20.49 ug/ml



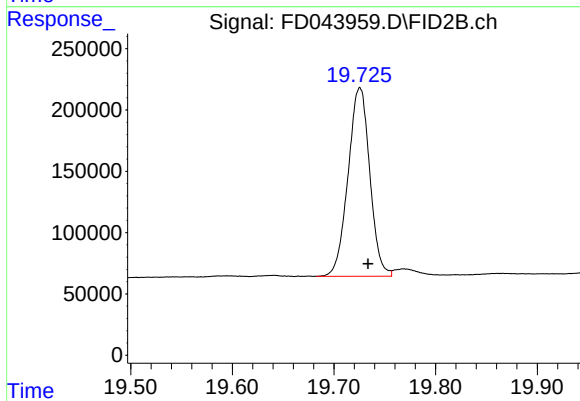
#18 n-Dotriacontane (C32)

R.T.: 18.221 min
Delta R.T.: -0.009 min
Response: 3003219
Conc: 21.04 ug/ml



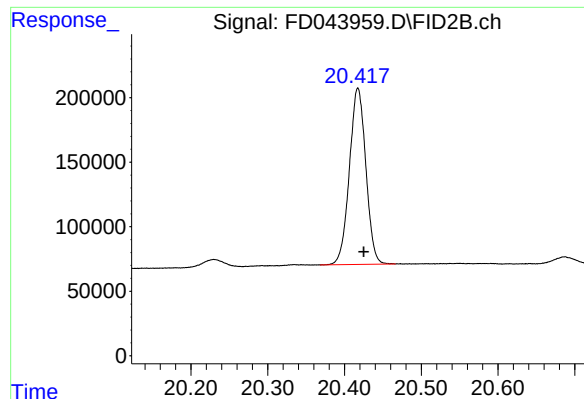
#19 n-Tetratriacontane (C34)

R.T.: 18.994 min
Delta R.T.: -0.010 min
Response: 2572953
Conc: 19.69 ug/ml



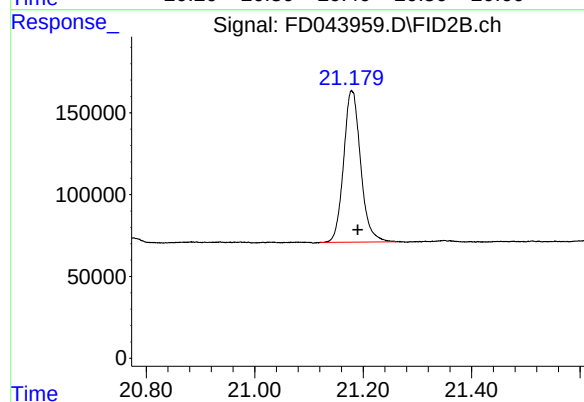
#20 n-Hexatriacontane (C36)

R.T.: 19.725 min
Delta R.T.: -0.008 min
Response: 2287709
Conc: 18.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.417 min
Delta R.T.: -0.007 min
Response: 2031386
Conc: 17.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.179 min
Delta R.T.: -0.011 min
Response: 2017194
Conc: 18.25 ug/ml