

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021024AL\
 Data File : FD047243.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2024 23:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 23:56:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 2024
 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)	11.357	3746729	20.744 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	12.794	2868344	20.724 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T n-Nonane (C9)	3.197	3295485	21.063 ug/ml
2) T n-Decane (C10)	4.249	3369428	21.081 ug/ml
3) T A~Naphthalene (C11.7)	5.806	3732905	21.366 ug/ml
4) T n-Dodecane (C12)	6.249	3413693	21.047 ug/ml
5) T A~2-methylnaphthalene...	6.854	3595699	21.200 ug/ml
6) T n-Tetradecane (C14)	8.033	3394969	20.985 ug/ml
7) T n-Hexadecane (C16)	9.623	3497840	20.876 ug/ml
8) T n-Octadecane (C18)	11.056	3537174	20.784 ug/ml
10) T n-Eicosane (C20)	12.356	3407204	20.702 ug/ml
11) T n-Heneicosane (C21)	12.964	3351947	20.665 ug/ml
13) T n-Docosane (C22)	13.546	3320346	20.625 ug/ml
14) T n-Tetracosane (C24)	14.640	3277836	20.579 ug/ml
15) T n-Hexacosane (C26)	15.654	3180438	20.482 ug/ml
16) T n-Octacosane (C28)	16.597	3072745	20.530 ug/ml
17) T n-Tricontane (C30)	17.476	3050711	20.613 ug/ml
18) T n-Dotriacontane (C32)	18.301	2924570	20.739 ug/ml
19) T n-Tetratriacontane (C34)	19.078	2763137	20.876 ug/ml
20) T n-Hexatriacontane (C36)	19.812	2588114	20.804 ug/ml
21) T n-Octatriacontane (C38)	20.509	2531224	21.158 ug/ml
22) T n-Tetracontane (C40)	21.314	2469515	21.341 ug/mlm

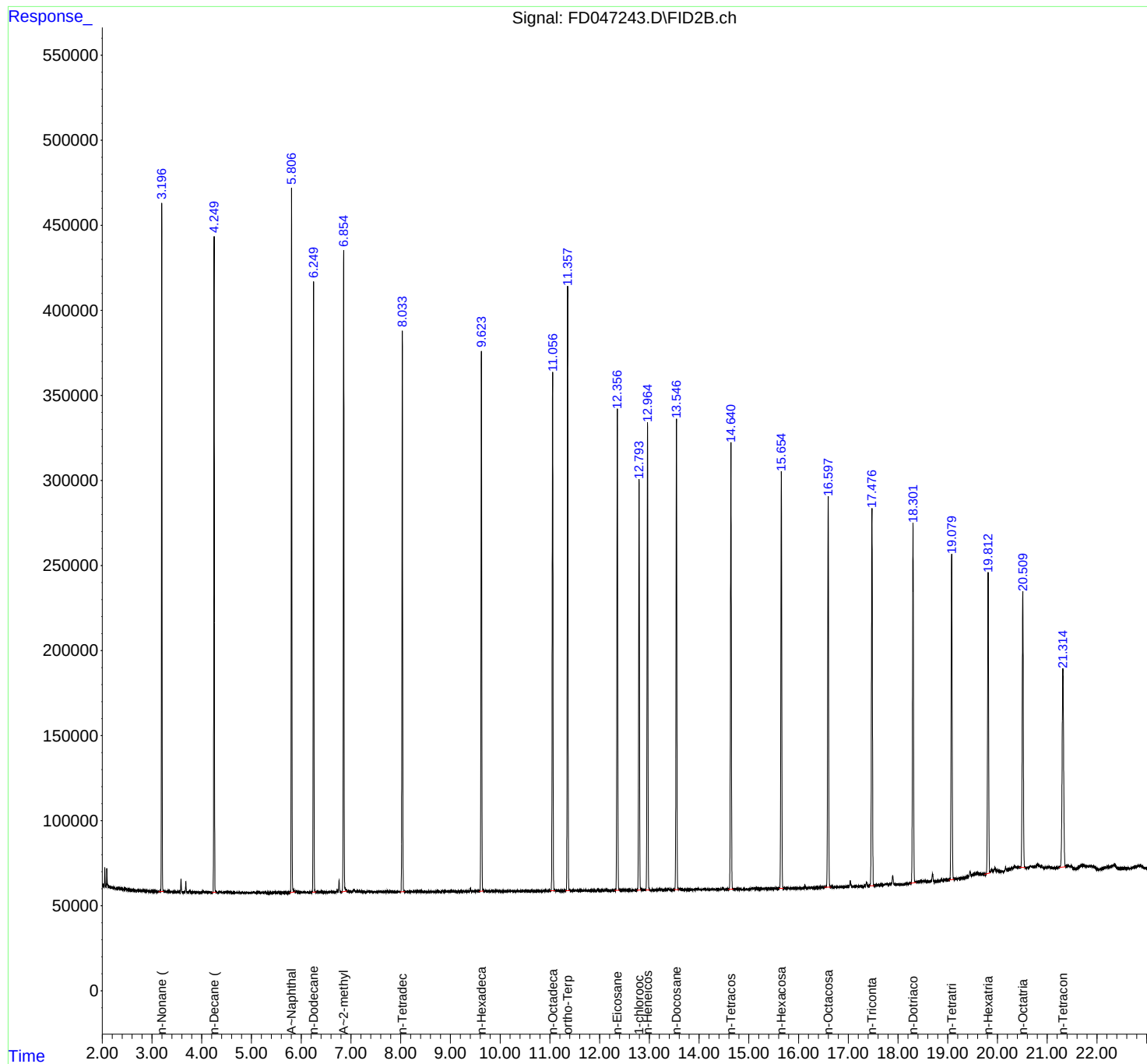
(f)=RT Delta > 1/2 Window

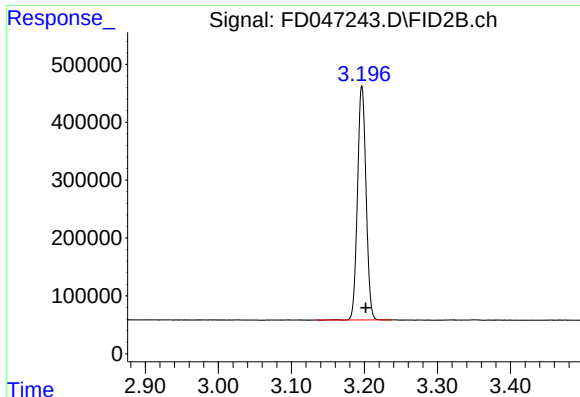
(m)=manual int.

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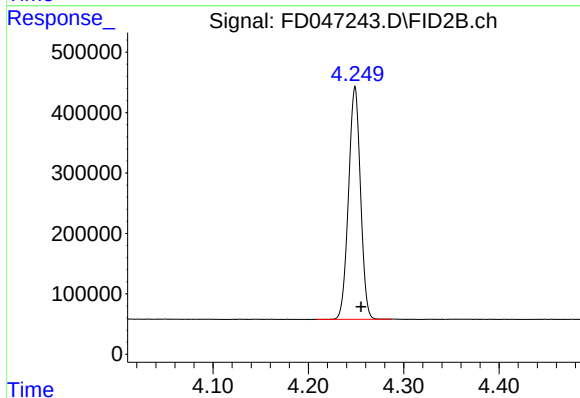
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Signal Info : 20M x 0.18mm x 0.18um





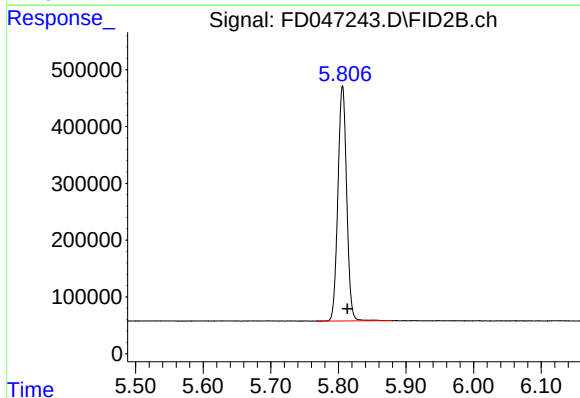
#1 n-Nonane (C9)

R.T.: 3.197 min
Delta R.T.: -0.005 min
Response: 3295485
Conc: 21.06 ug/ml



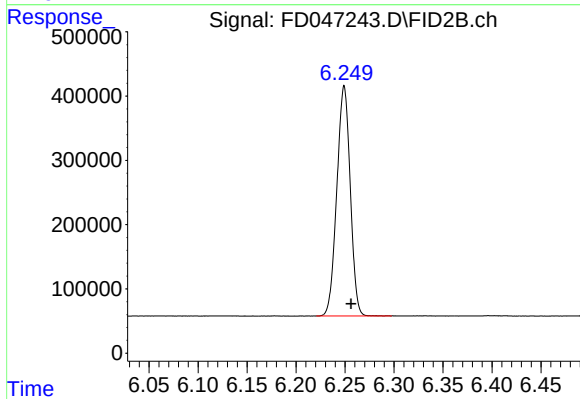
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 3369428
Conc: 21.08 ug/ml



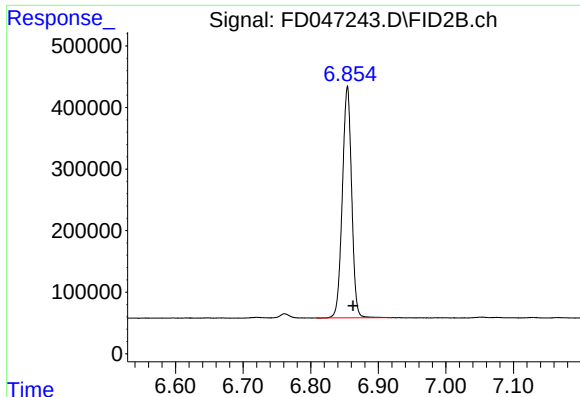
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 3732905
Conc: 21.37 ug/ml



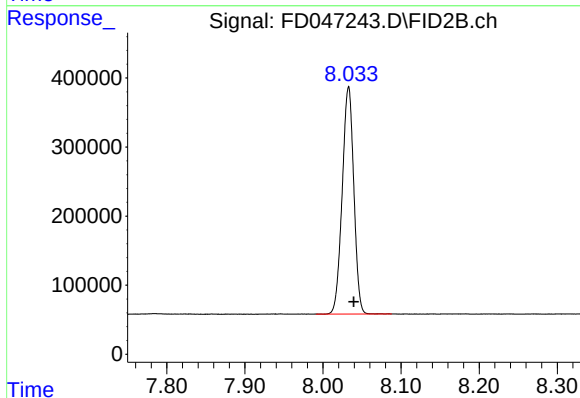
#4 n-Dodecane (C12)

R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 3413693
Conc: 21.05 ug/ml



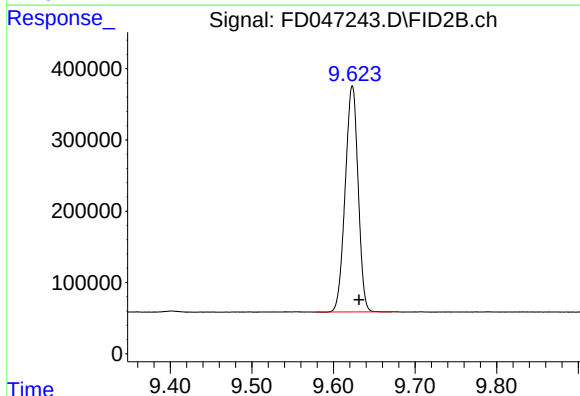
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.008 min
Response: 3595699
Conc: 21.20 ug/ml



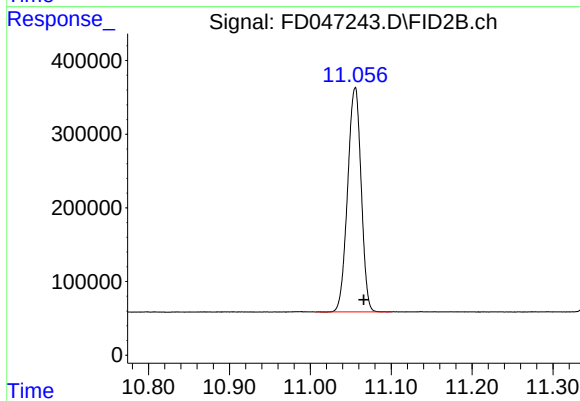
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.007 min
Response: 3394969
Conc: 20.98 ug/ml



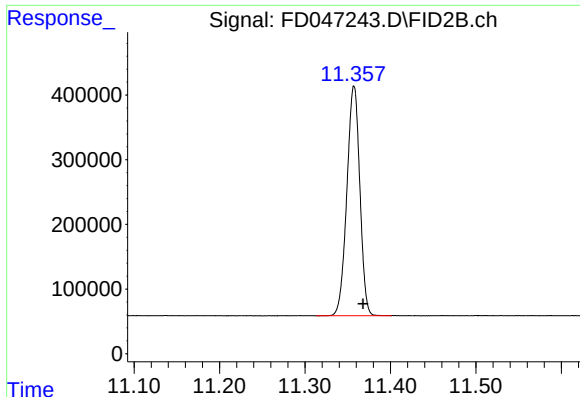
#7 n-Hexadecane (C16)

R.T.: 9.623 min
Delta R.T.: -0.008 min
Response: 3497840
Conc: 20.88 ug/ml



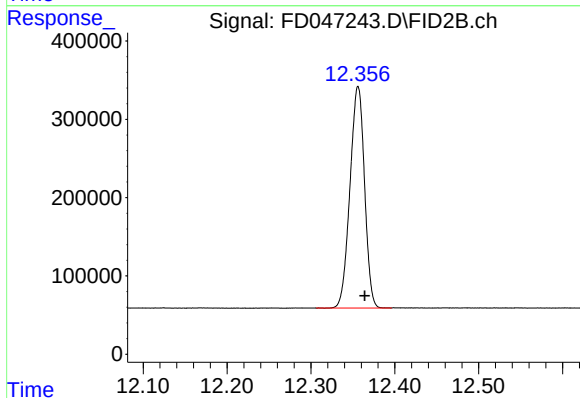
#8 n-Octadecane (C18)

R.T.: 11.056 min
Delta R.T.: -0.011 min
Response: 3537174
Conc: 20.78 ug/ml



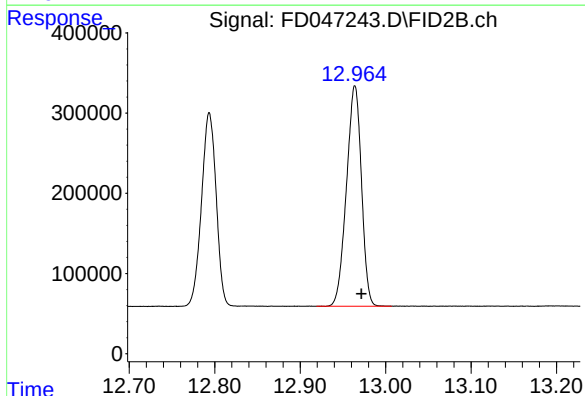
#9 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: -0.011 min
Response: 3746729
Conc: 20.74 ug/ml



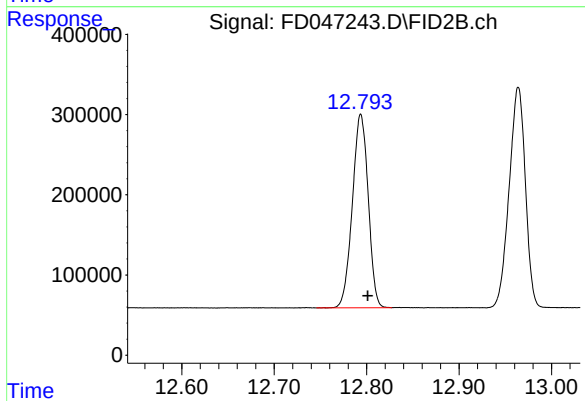
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: -0.008 min
Response: 3407204
Conc: 20.70 ug/ml



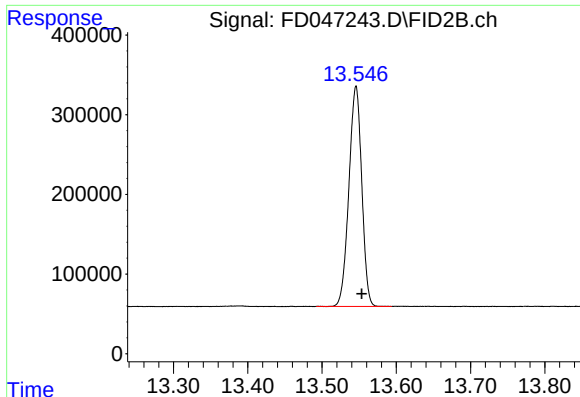
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.008 min
Response: 3351947
Conc: 20.66 ug/ml



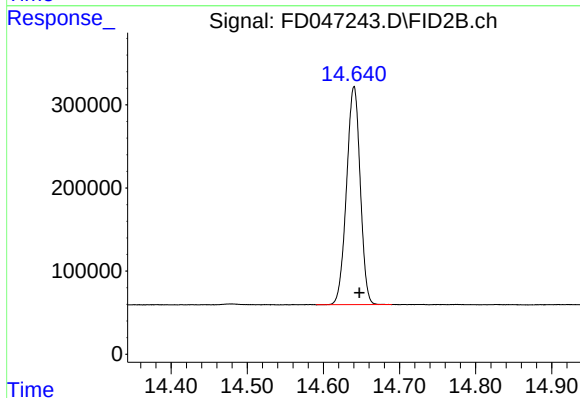
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.008 min
Response: 2868344
Conc: 20.72 ug/ml



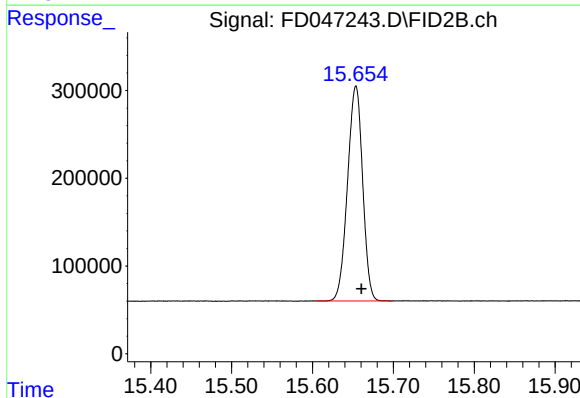
#13 n-Docosane (C22)

R.T.: 13.546 min
Delta R.T.: -0.008 min
Response: 3320346
Conc: 20.63 ug/ml



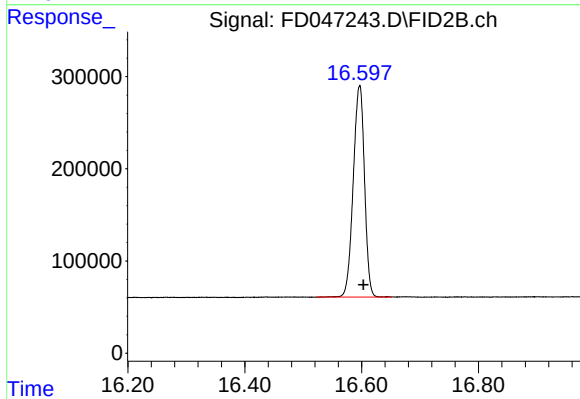
#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: -0.007 min
Response: 3277836
Conc: 20.58 ug/ml



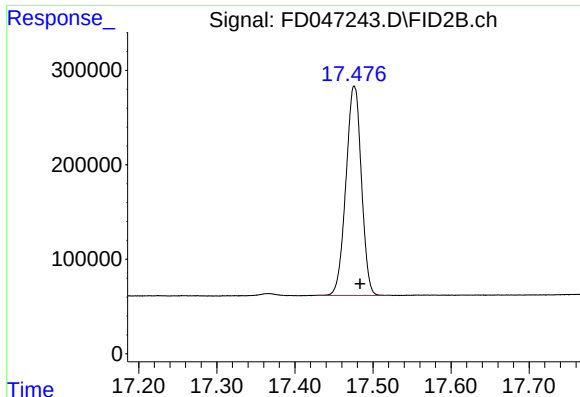
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: -0.007 min
Response: 3180438
Conc: 20.48 ug/ml



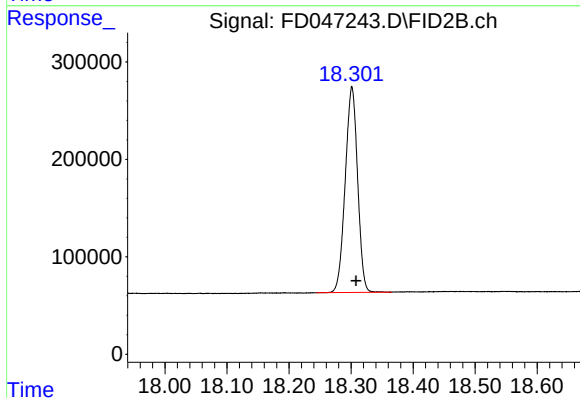
#16 n-Octacosane (C28)

R.T.: 16.597 min
Delta R.T.: -0.007 min
Response: 3072745
Conc: 20.53 ug/ml



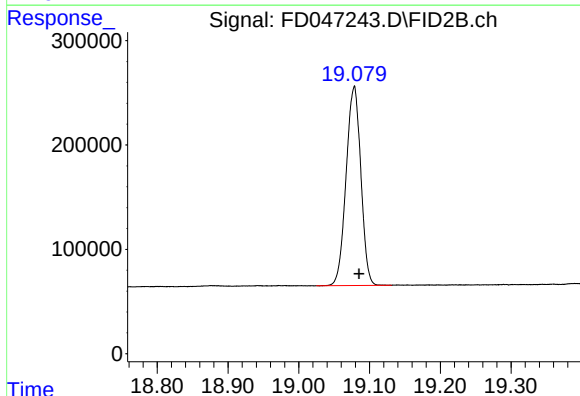
#17 n-Tricontane (C30)

R.T.: 17.476 min
Delta R.T.: -0.007 min
Response: 3050711
Conc: 20.61 ug/ml



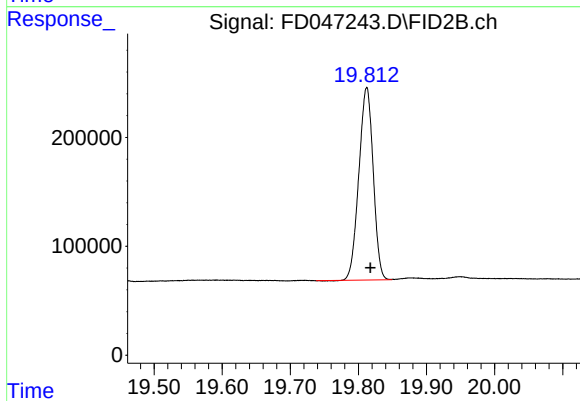
#18 n-Dotriacontane (C32)

R.T.: 18.301 min
Delta R.T.: -0.007 min
Response: 2924570
Conc: 20.74 ug/ml



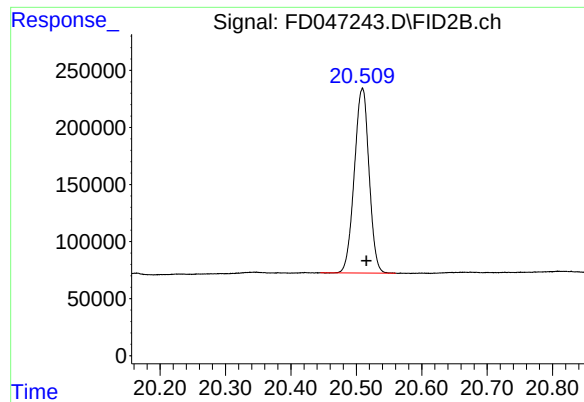
#19 n-Tetratriacontane (C34)

R.T.: 19.078 min
Delta R.T.: -0.007 min
Response: 2763137
Conc: 20.88 ug/ml



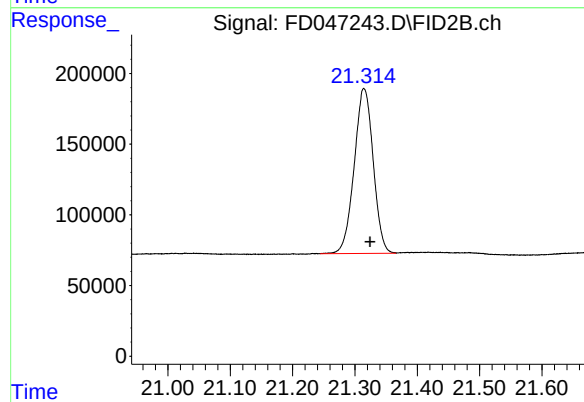
#20 n-Hexatriacontane (C36)

R.T.: 19.812 min
Delta R.T.: -0.006 min
Response: 2588114
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.509 min
Delta R.T.: -0.006 min
Response: 2531224
Conc: 21.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.314 min
Delta R.T.: -0.010 min
Response: 2469515
Conc: 21.34 ug/ml m