

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014667.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 17:56
 Operator : YP\AJ
 Sample : P4368-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 02:10:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 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			
12) S 1-chlorooctadecane (S...	13.230	5088408	42.465 ug/ml
Spiked Amount 50.000		Recovery =	84.93%
Target Compounds			
1) T n-Nonane (C9)	3.196	148158	1.178 ug/mlm
2) T n-Decane (C10)	4.443	171513	1.347 ug/mlm
4) T n-Dodecane (C12)	6.607	224516	1.740 ug/mlm
6) T n-Tetradecane (C14)	8.433	205867	1.603 ug/ml
7) T n-Hexadecane (C16)	10.039	195536	1.486 ug/ml
8) T n-Octadecane (C18)	11.478	244355	1.774 ug/ml
10) T n-Eicosane (C20)	12.785	307451	2.212 ug/ml
11) T n-Heneicosane (C21)	13.397	287626	2.071 ug/ml
13) T n-Docosane (C22)	13.981	364421	2.593 ug/ml
14) T n-Tetracosane (C24)	15.084	465319	3.232 ug/ml
15) T n-Hexacosane (C26)	16.103	519006	3.573 ug/ml
16) T n-Octacosane (C28)	17.052	562688	3.805 ug/ml
17) T n-Tricontane (C30)	17.937	524430	3.359 ug/ml
18) T n-Dotriacontane (C32)	18.768	481587	3.143 ug/ml
19) T n-Tetratriacontane (C34)	19.550	384146	2.980 ug/mlm
20) T n-Hexatriacontane (C36)	20.290	256370	2.476 ug/ml
21) T n-Octatriacontane (C38)	21.008	218445	2.433 ug/mlm
22) T n-Tetracontane (C40)	21.872	96796	1.237 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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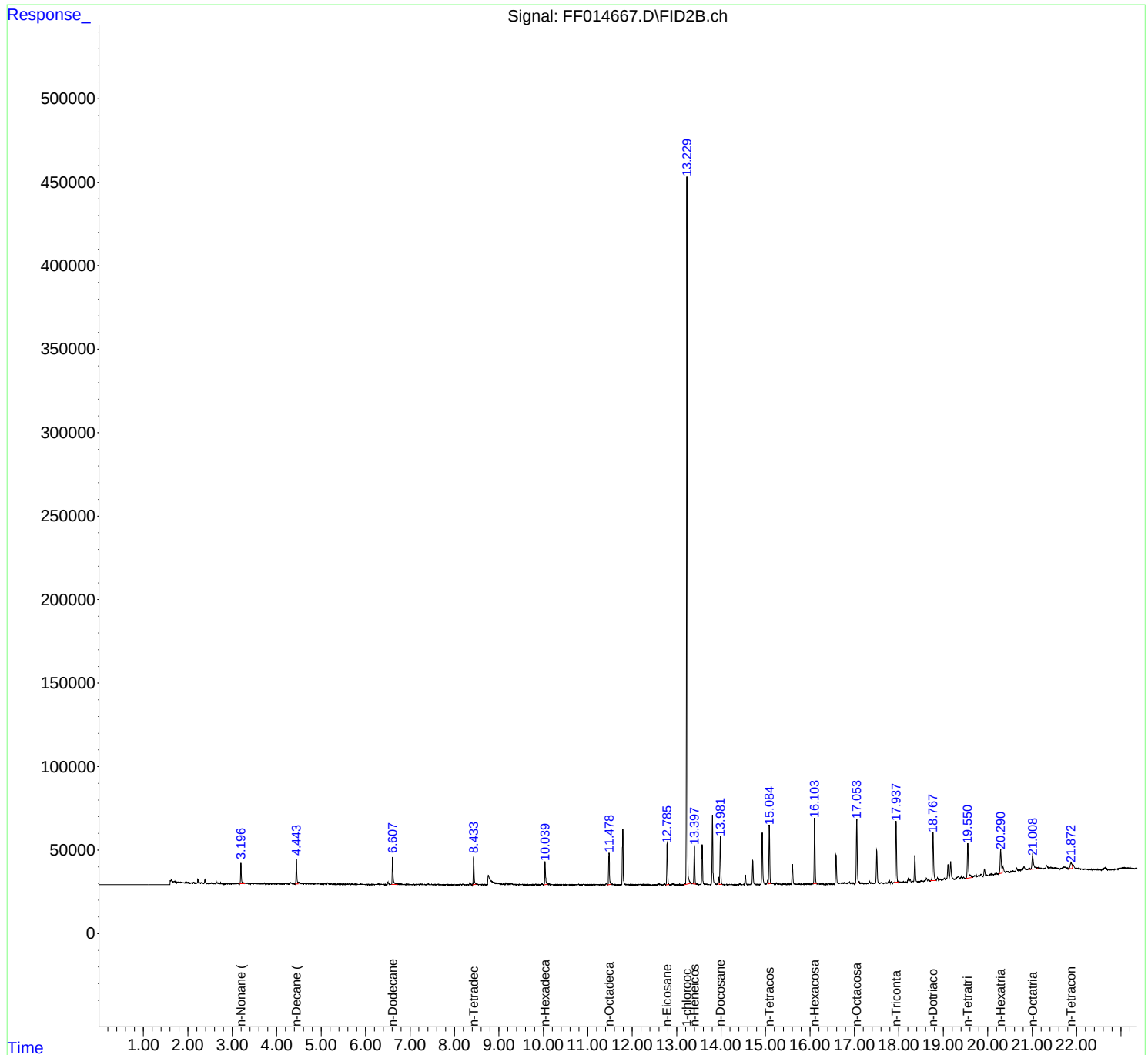
Instrument :
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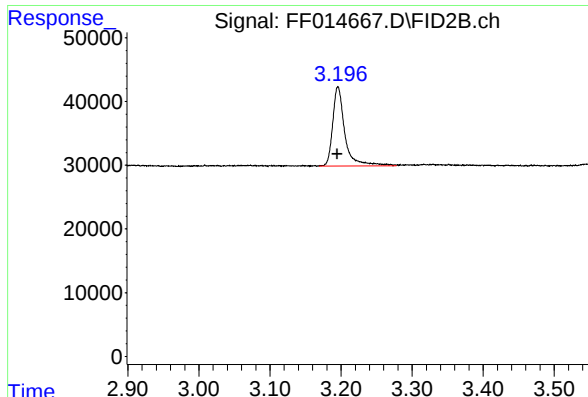
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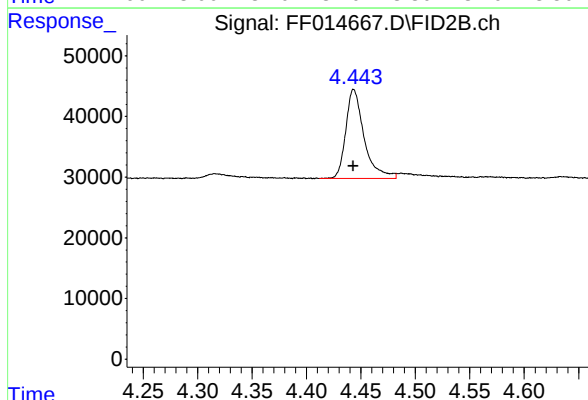
#1 n-Nonane (C9)

R.T.: 3.196 min
Delta R.T.: 0.000 min
Response: 148158
Conc: 1.18 ug/ml

Instrument : FID_F
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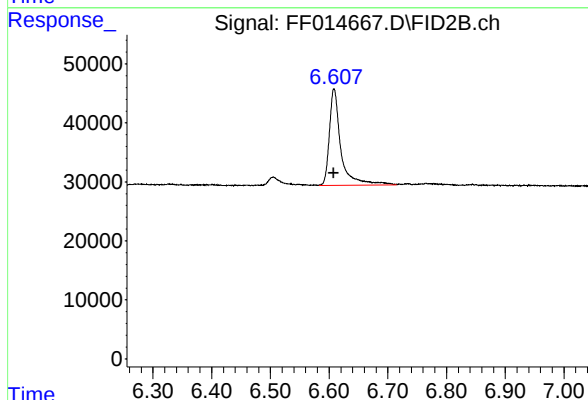
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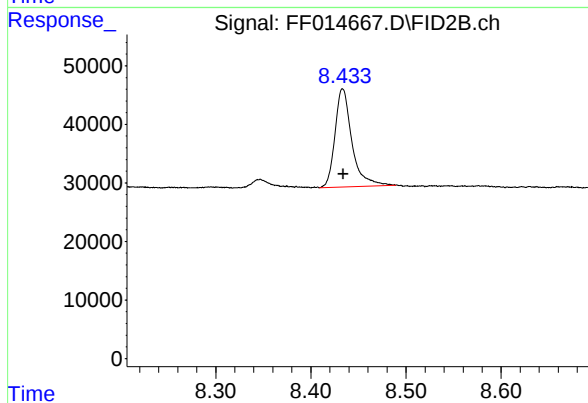
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 171513
Conc: 1.35 ug/ml m



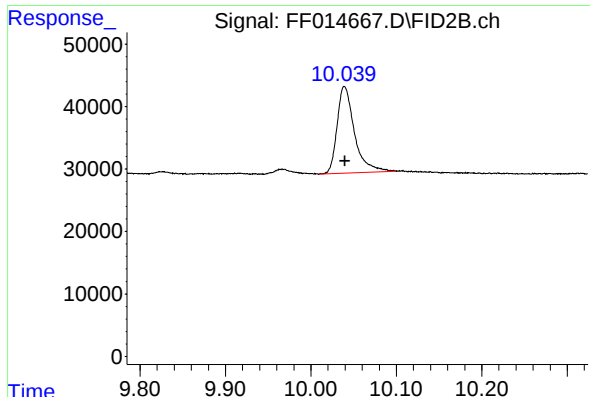
#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 224516
Conc: 1.74 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.433 min
Delta R.T.: 0.000 min
Response: 205867
Conc: 1.60 ug/ml



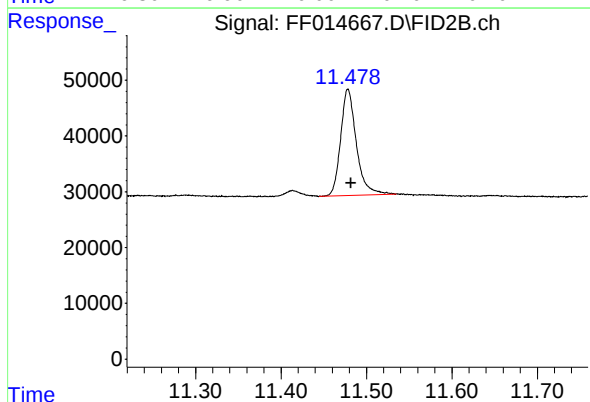
#7 n-Hexadecane (C16)

R.T.: 10.039 min
Delta R.T.: 0.000 min
Response: 195536
Conc: 1.49 ug/ml

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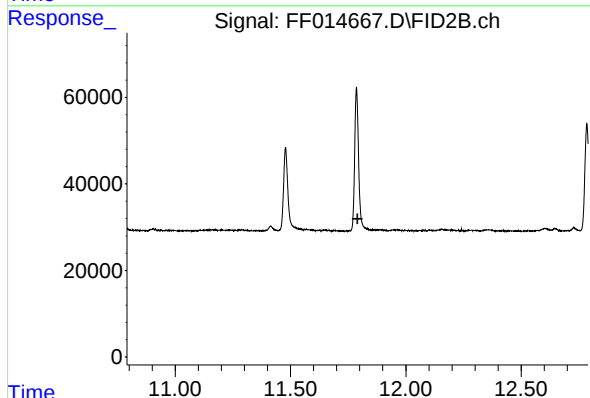
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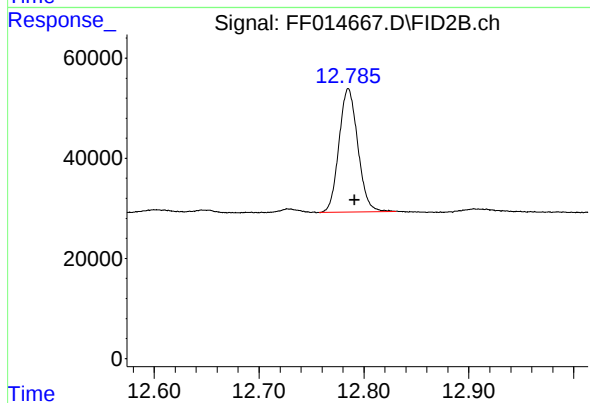
#8 n-Octadecane (C18)

R.T.: 11.478 min
Delta R.T.: -0.004 min
Response: 244355
Conc: 1.77 ug/ml



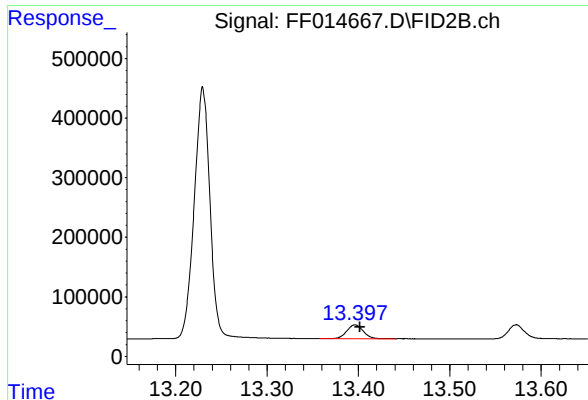
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.791 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.785 min
Delta R.T.: -0.006 min
Response: 307451
Conc: 2.21 ug/ml



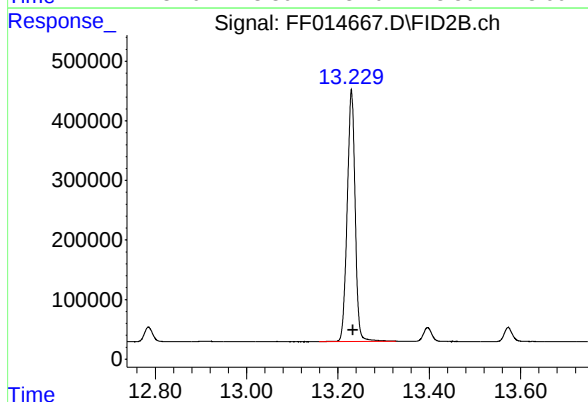
#11 n-Heneicosane (C21)

R.T.: 13.397 min
Delta R.T.: -0.005 min
Response: 287626
Conc: 2.07 ug/ml

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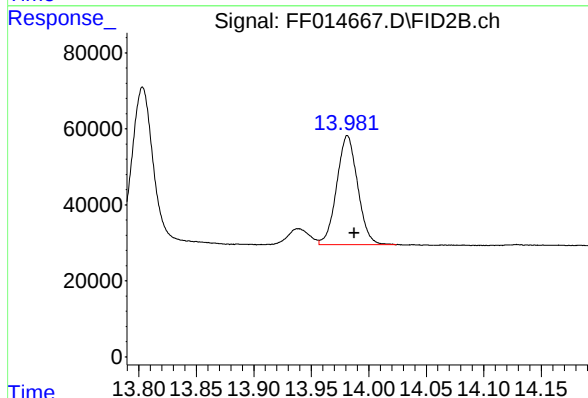
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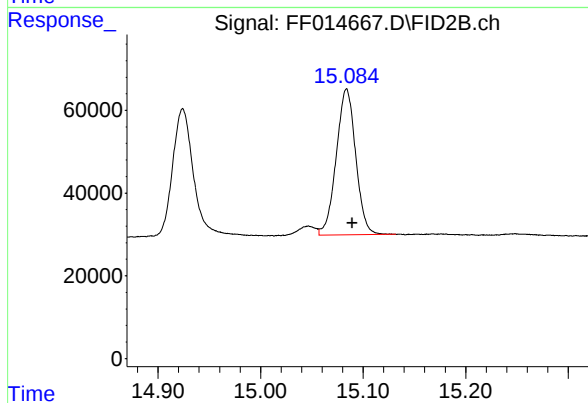
#12 1-chlorooctadecane (SURR)

R.T.: 13.230 min
Delta R.T.: -0.003 min
Response: 5088408
Conc: 42.47 ug/ml



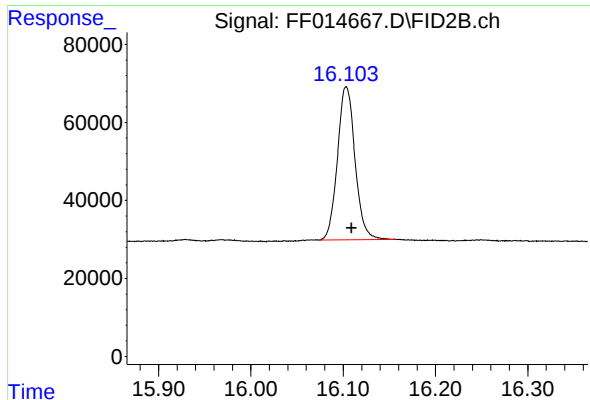
#13 n-Docosane (C22)

R.T.: 13.981 min
Delta R.T.: -0.006 min
Response: 364421
Conc: 2.59 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.084 min
Delta R.T.: -0.006 min
Response: 465319
Conc: 3.23 ug/ml



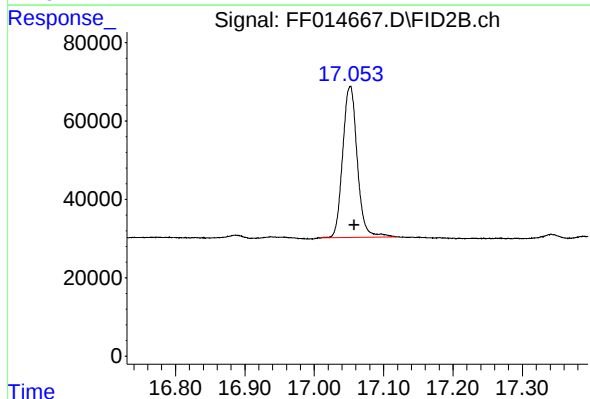
#15 n-Hexacosane (C26)

R.T.: 16.103 min
Delta R.T.: -0.006 min
Response: 519006
Conc: 3.57 ug/ml

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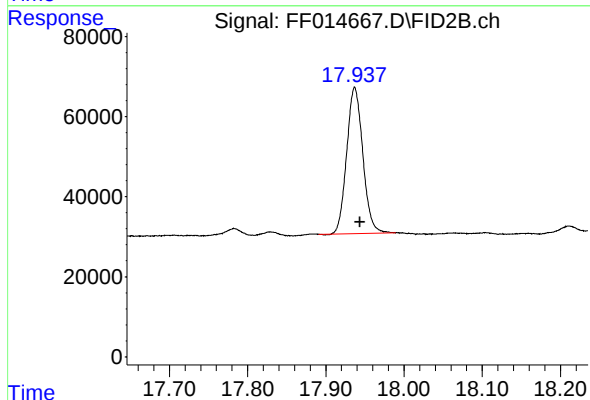
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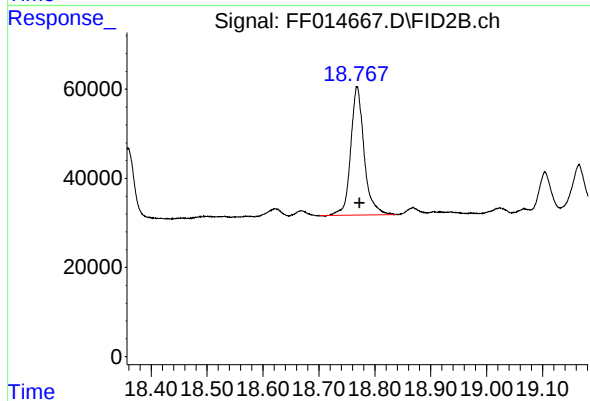
#16 n-Octacosane (C28)

R.T.: 17.052 min
Delta R.T.: -0.006 min
Response: 562688
Conc: 3.80 ug/ml



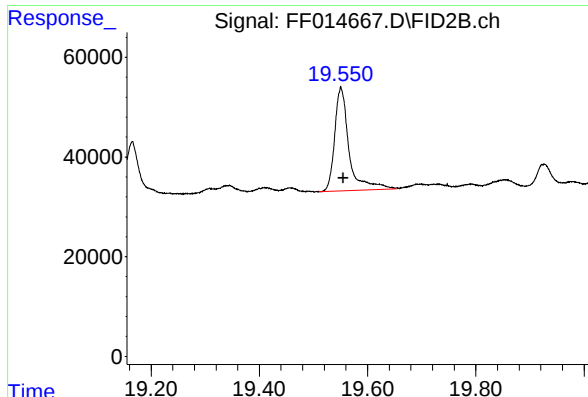
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.007 min
Response: 524430
Conc: 3.36 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.768 min
Delta R.T.: -0.004 min
Response: 481587
Conc: 3.14 ug/ml



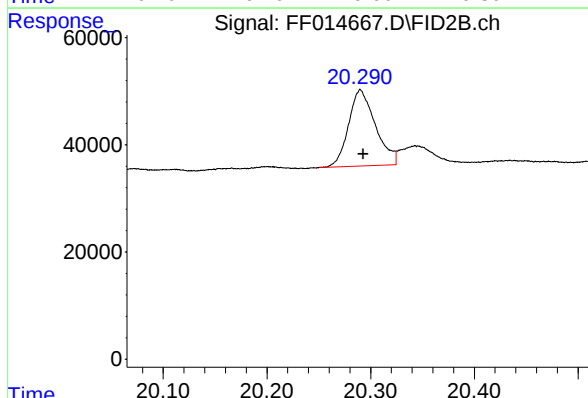
#19 n-Tetratriacontane (C34)

R.T.: 19.550 min
Delta R.T.: -0.005 min
Response: 384146
Conc: 2.98 ug/ml

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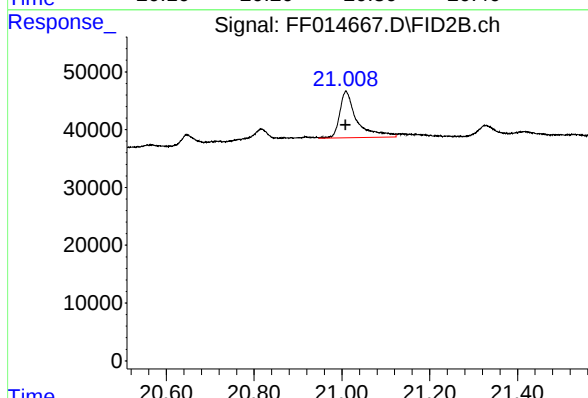
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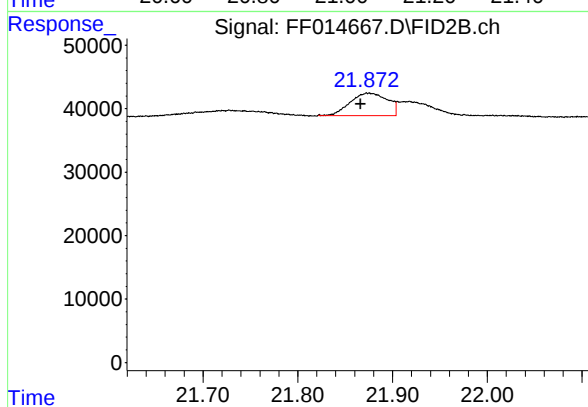
#20 n-Hexatriacontane (C36)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 256370
Conc: 2.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: 0.000 min
Response: 218445
Conc: 2.43 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: 0.006 min
Response: 96796
Conc: 1.24 ug/ml m