

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014677.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 09:38
 Operator : YP\AJ
 Sample : P4368-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 01:38:15 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...	13.229	5335560	44.528 ug/ml
Spiked Amount 50.000		Recovery =	89.06%
Target Compounds			
1) T n-Nonane (C9)	3.196	143225	1.139 ug/ml
2) T n-Decane (C10)	4.443	182503	1.433 ug/mlm
4) T n-Dodecane (C12)	6.607	215433	1.669 ug/ml
7) T n-Hexadecane (C16)	10.038	208807	1.587 ug/ml
8) T n-Octadecane (C18)	11.478	253400	1.840 ug/ml
10) T n-Eicosane (C20)	12.785	324250	2.332 ug/ml
11) T n-Heneicosane (C21)	13.395	300979	2.167 ug/ml
13) T n-Docosane (C22)	13.981	380510	2.708 ug/ml
14) T n-Tetracosane (C24)	15.082	490121	3.404 ug/ml
15) T n-Hexacosane (C26)	16.102	554675	3.819 ug/ml
16) T n-Octacosane (C28)	17.050	607292	4.106 ug/ml
17) T n-Tricontane (C30)	17.936	572946	3.670 ug/ml
18) T n-Dotriacontane (C32)	18.767	536595	3.502 ug/ml
19) T n-Tetratriacontane (C34)	19.548	379089	2.941 ug/mlm
20) T n-Hexatriacontane (C36)	20.289	282283	2.727 ug/ml
21) T n-Octatriacontane (C38)	21.005	221237	2.464 ug/mlm
22) T n-Tetracontane (C40)	21.868	124290	1.588 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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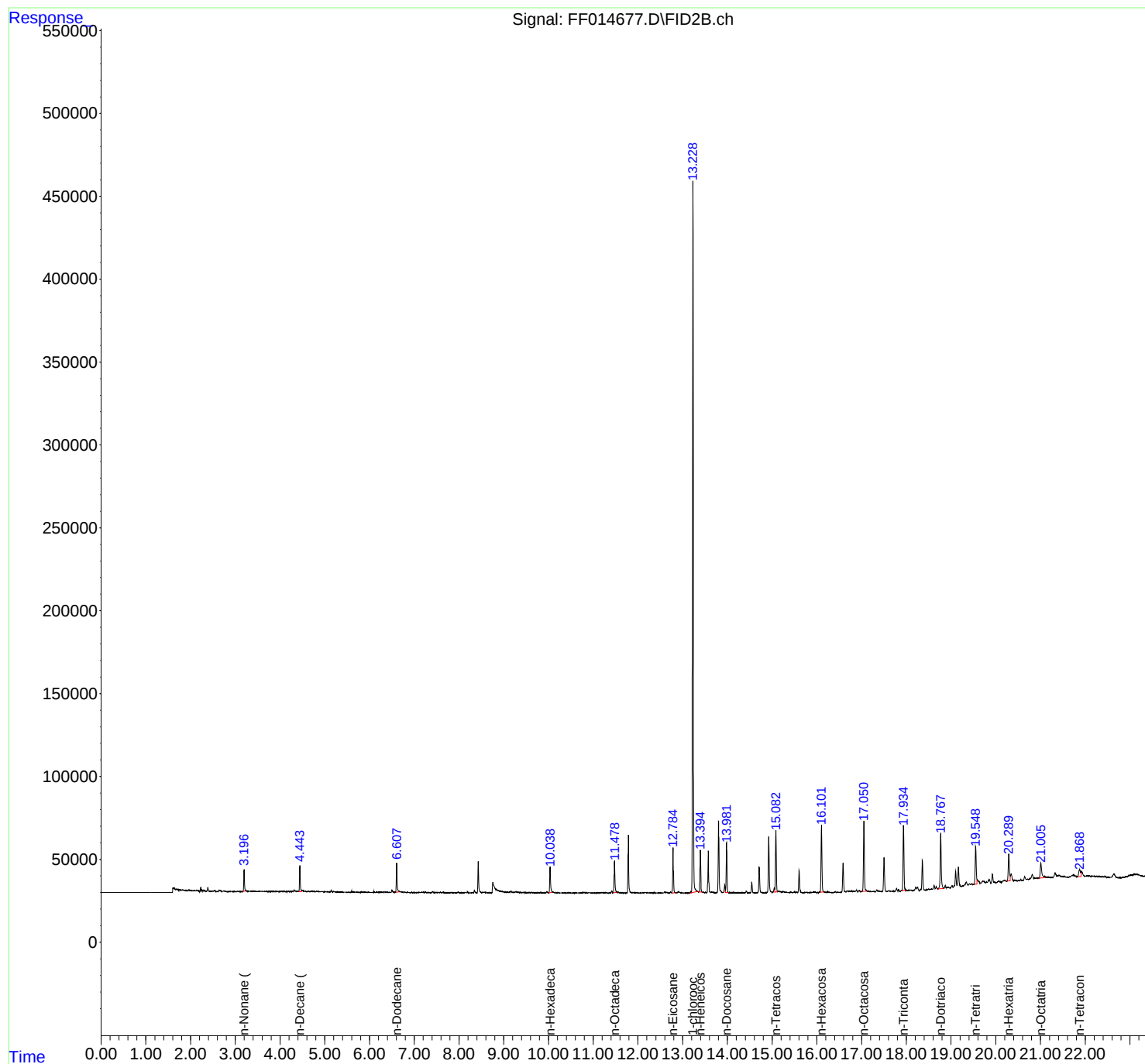
Instrument :
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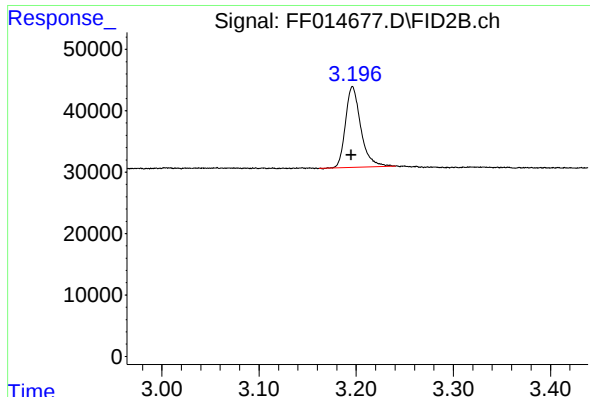
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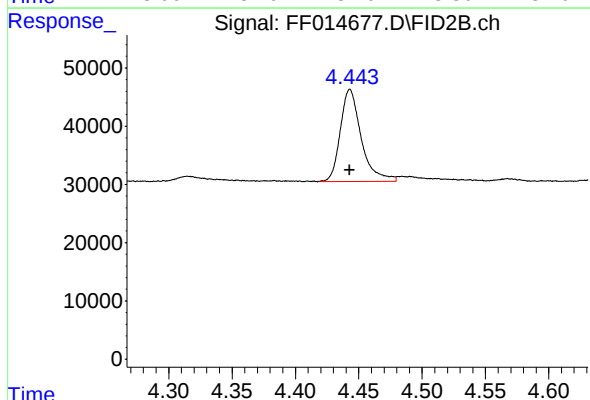
#1 n-Nonane (C9)

R.T.: 3.196 min
Delta R.T.: 0.001 min
Response: 143225
Conc: 1.14 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT4-2024

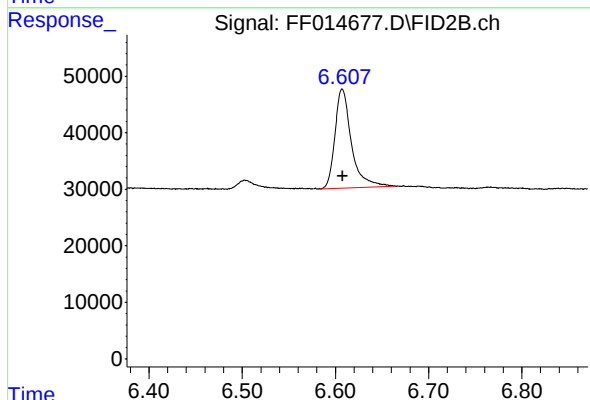
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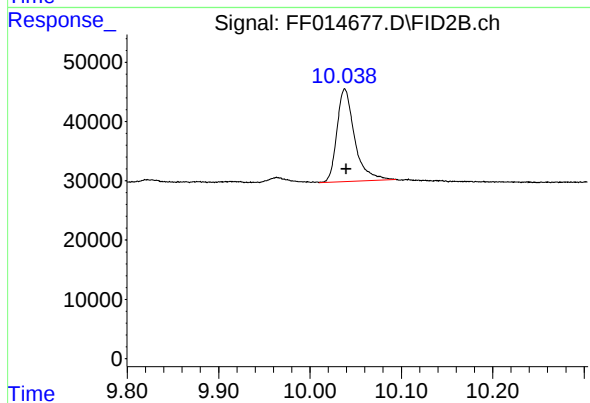
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 182503
Conc: 1.43 ug/ml m



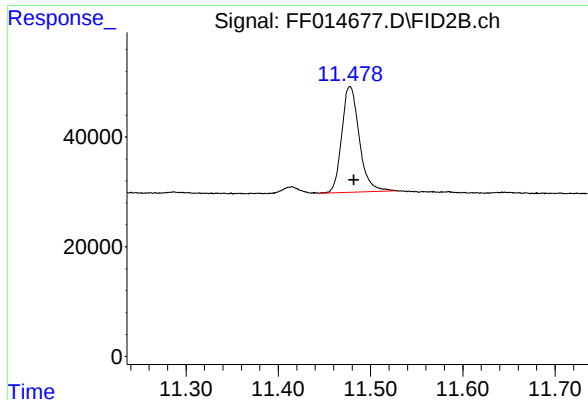
#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 215433
Conc: 1.67 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: -0.002 min
Response: 208807
Conc: 1.59 ug/ml



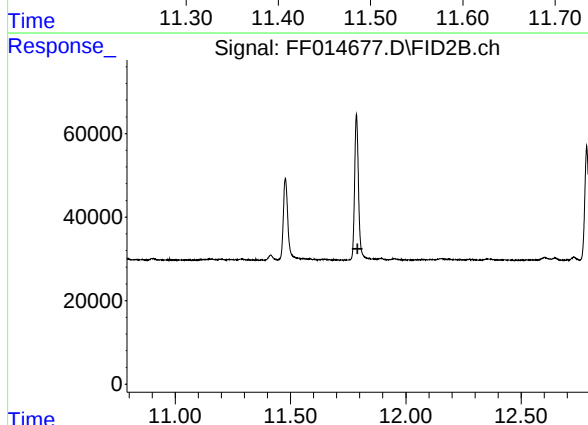
#8 n-Octadecane (C18)

R.T.: 11.478 min
Delta R.T.: -0.004 min
Response: 253400
Conc: 1.84 ug/ml

Instrument :
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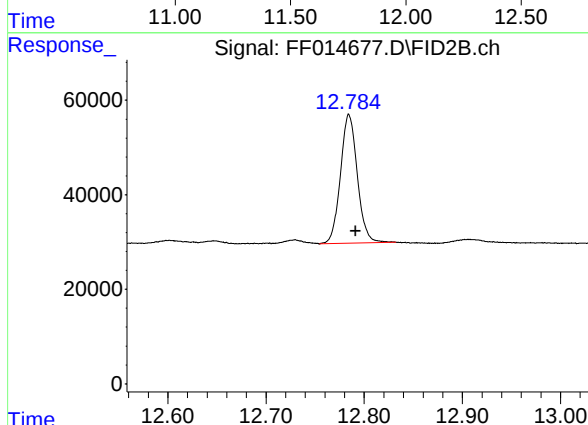
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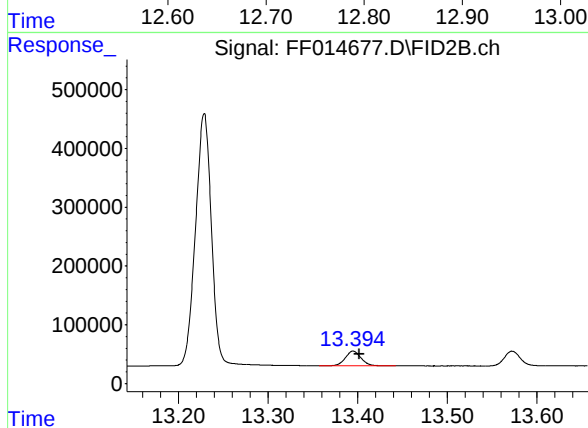
#9 ortho-Terphenyl (SURR)

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



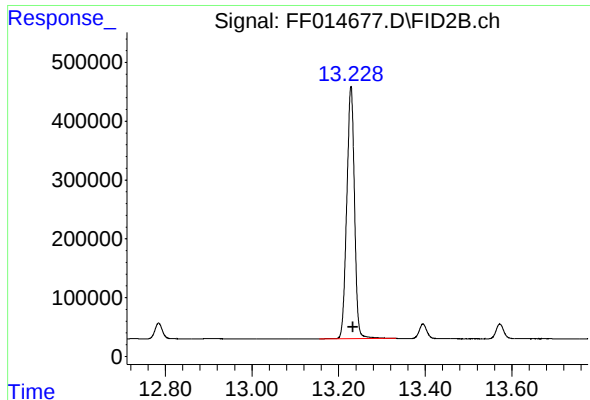
#10 n-Eicosane (C20)

R.T.: 12.785 min
Delta R.T.: -0.007 min
Response: 324250
Conc: 2.33 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.395 min
Delta R.T.: -0.007 min
Response: 300979
Conc: 2.17 ug/ml



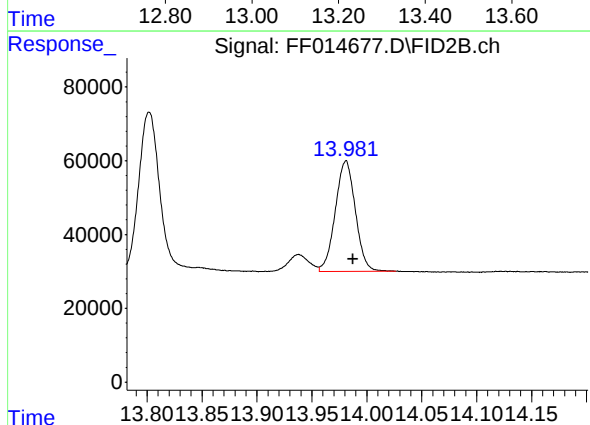
#12 1-chlorooctadecane (SURR)

R.T.: 13.229 min
Delta R.T.: -0.005 min
Response: 5335560
Conc: 44.53 ug/ml

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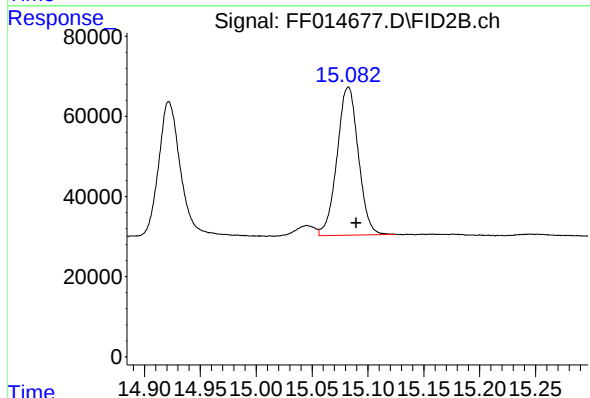
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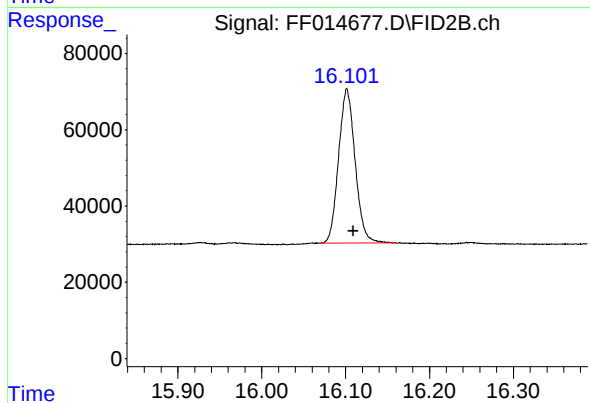
#13 n-Docosane (C22)

R.T.: 13.981 min
Delta R.T.: -0.006 min
Response: 380510
Conc: 2.71 ug/ml



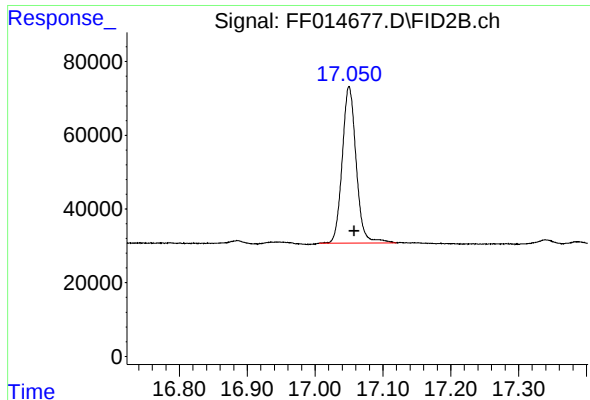
#14 n-Tetracosane (C24)

R.T.: 15.082 min
Delta R.T.: -0.007 min
Response: 490121
Conc: 3.40 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.102 min
Delta R.T.: -0.008 min
Response: 554675
Conc: 3.82 ug/ml



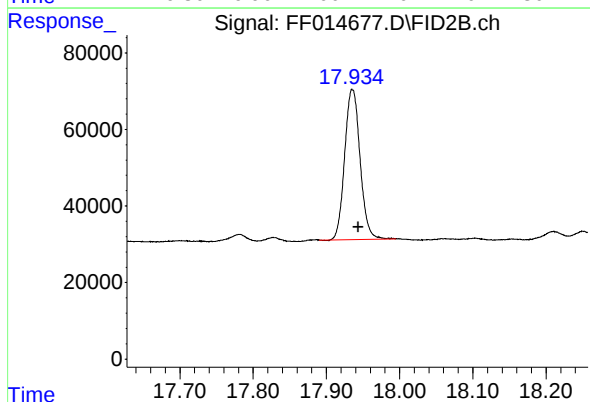
#16 n-Octacosane (C28)

R.T.: 17.050 min
Delta R.T.: -0.008 min
Response: 607292
Conc: 4.11 ug/ml

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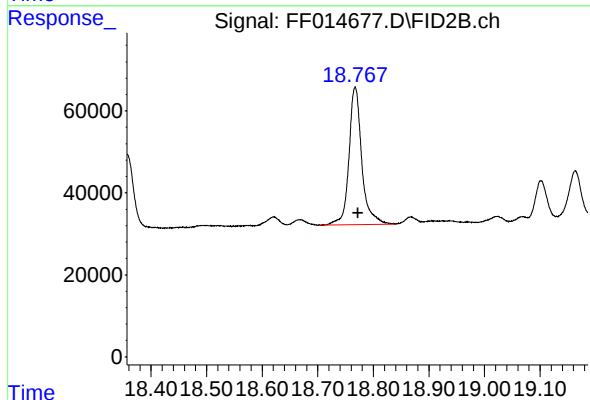
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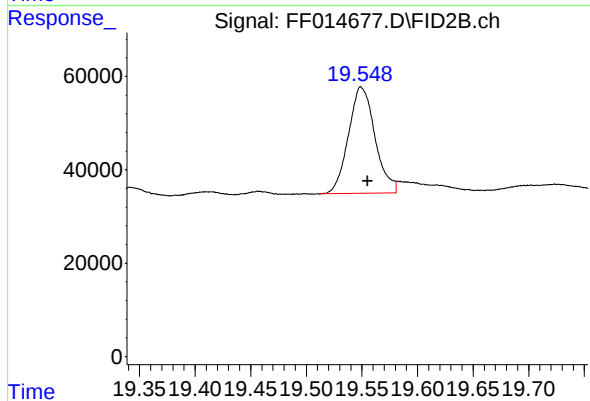
#17 n-Tricontane (C30)

R.T.: 17.936 min
Delta R.T.: -0.008 min
Response: 572946
Conc: 3.67 ug/ml



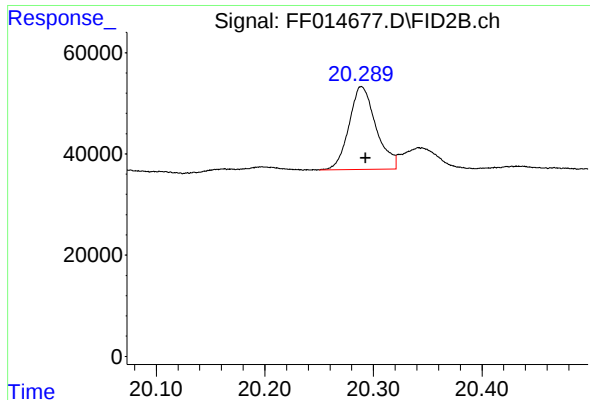
#18 n-Dotriacontane (C32)

R.T.: 18.767 min
Delta R.T.: -0.005 min
Response: 536595
Conc: 3.50 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.548 min
Delta R.T.: -0.007 min
Response: 379089
Conc: 2.94 ug/ml m



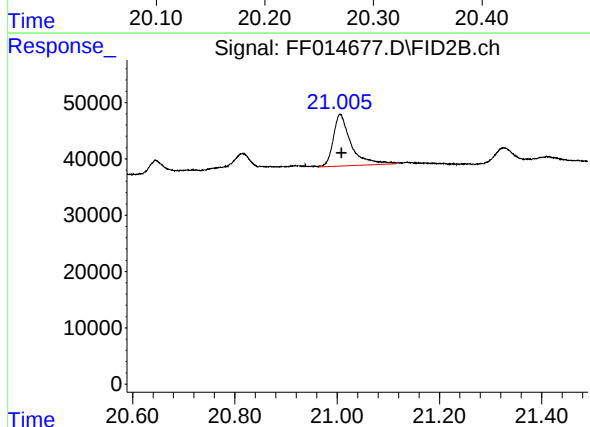
#20 n-Hexatriacontane (C36)

R.T.: 20.289 min
Delta R.T.: -0.004 min
Response: 282283
Conc: 2.73 ug/ml

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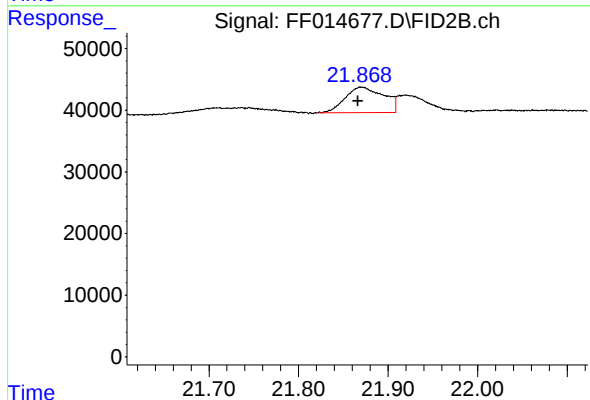
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#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: -0.004 min
Response: 221237
Conc: 2.46 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.001 min
Response: 124290
Conc: 1.59 ug/ml m