

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014671.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 19:52
 Operator : YP\AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-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 02:11:27 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	4013237	33.492 ug/ml
Spiked Amount 50.000		Recovery =	66.98%
Target Compounds			
1) T n-Nonane (C9)	3.195	227799	1.812 ug/mlm
2) T n-Decane (C10)	4.442	269172	2.114 ug/mlm
4) T n-Dodecane (C12)	6.607	310632	2.407 ug/ml
6) T n-Tetradecane (C14)	8.432	321041	2.500 ug/ml
7) T n-Hexadecane (C16)	10.038	313505	2.383 ug/ml
8) T n-Octadecane (C18)	11.479	355474	2.581 ug/ml
10) T n-Eicosane (C20)	12.786	412010	2.964 ug/ml
11) T n-Heneicosane (C21)	13.396	397207	2.860 ug/ml
13) T n-Docosane (C22)	13.983	389971	2.775 ug/ml
14) T n-Tetracosane (C24)	15.085	387053	2.688 ug/mlm
15) T n-Hexacosane (C26)	16.105	366313	2.522 ug/ml
16) T n-Octacosane (C28)	17.053	374549	2.533 ug/ml
17) T n-Tricontane (C30)	17.940	397524	2.547 ug/ml
18) T n-Dotriacontane (C32)	18.773	410152	2.677 ug/ml
19) T n-Tetratriacontane (C34)	19.556	352734	2.737 ug/ml
20) T n-Hexatriacontane (C36)	20.297	280905	2.713 ug/ml
21) T n-Octatriacontane (C38)	21.016	223076	2.485 ug/ml
22) T n-Tetracontane (C40)	21.889	104579	1.336 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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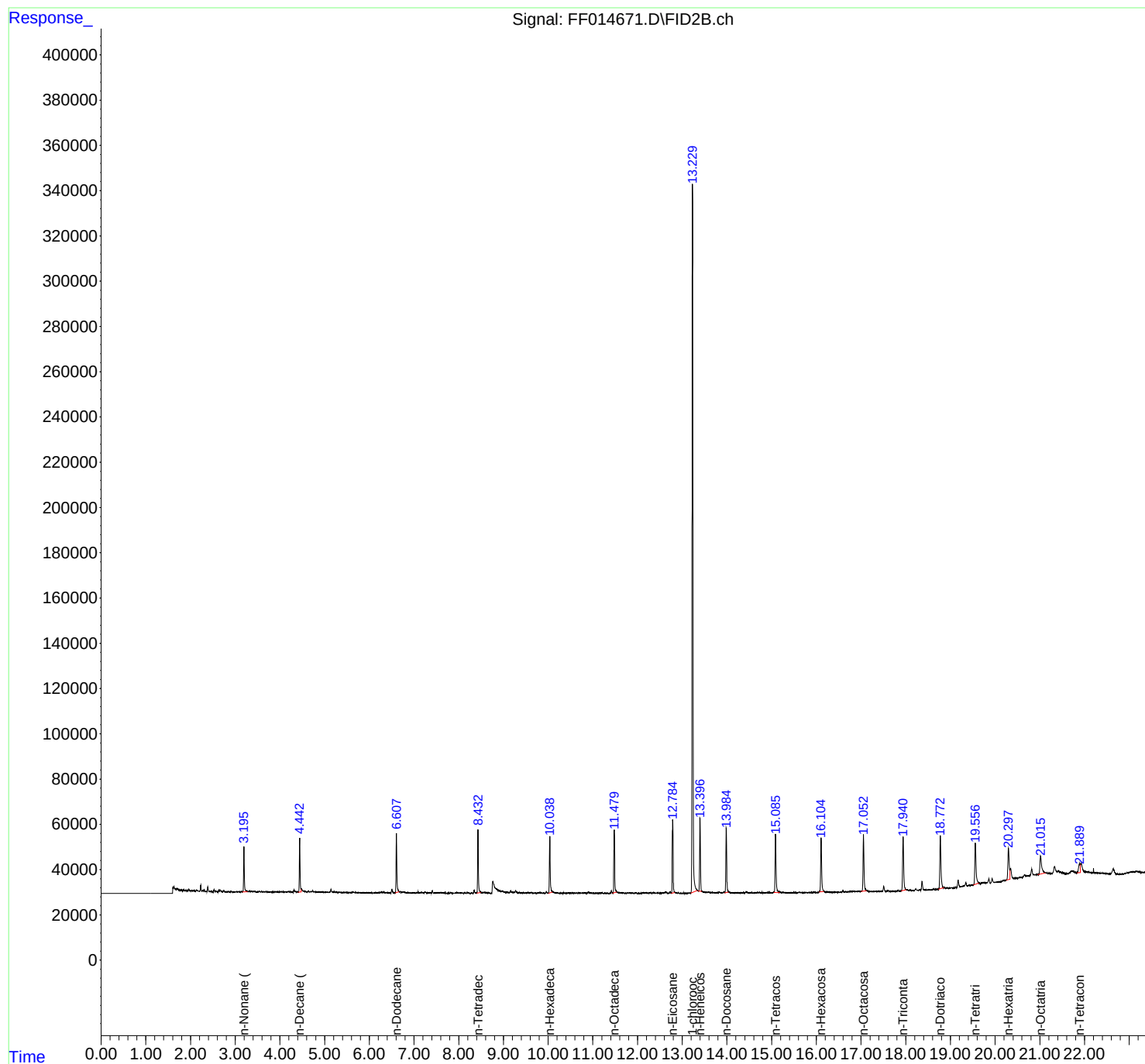
Instrument :
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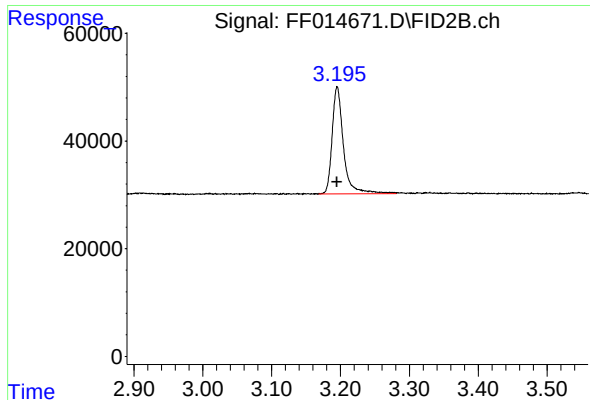
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#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 227799
Conc: 1.81 ug/ml

Instrument :

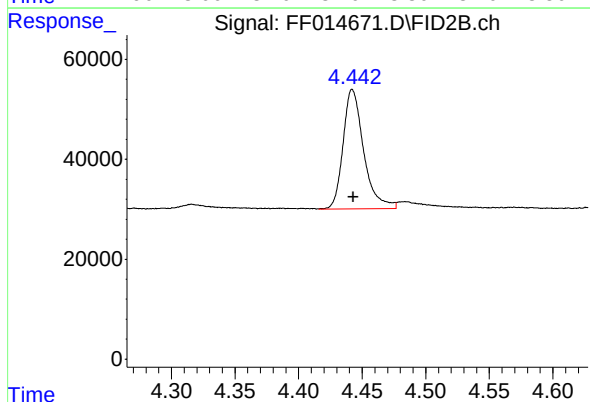
FID_F

ClientSampleId :

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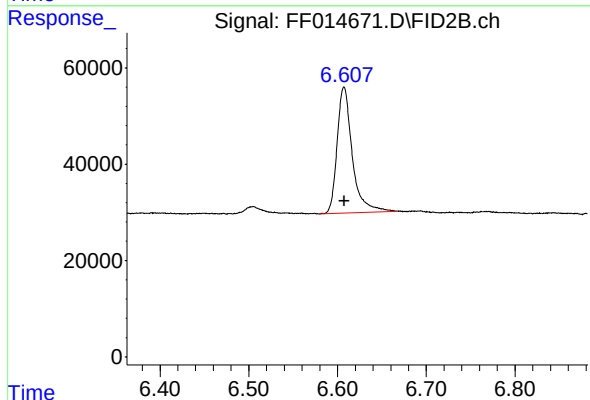
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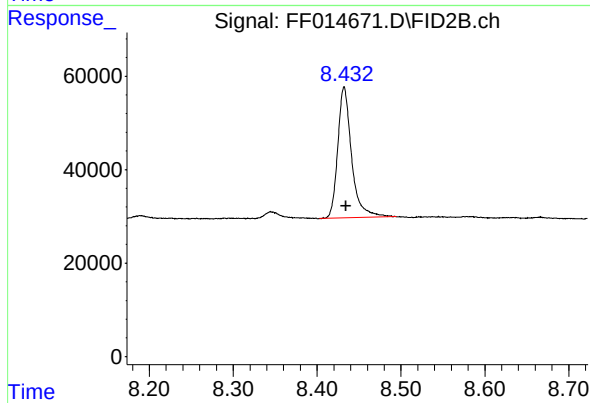
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 269172
Conc: 2.11 ug/ml m



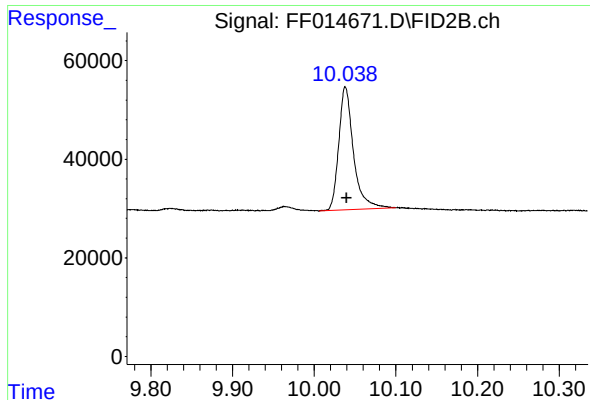
#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 310632
Conc: 2.41 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: -0.002 min
Response: 321041
Conc: 2.50 ug/ml



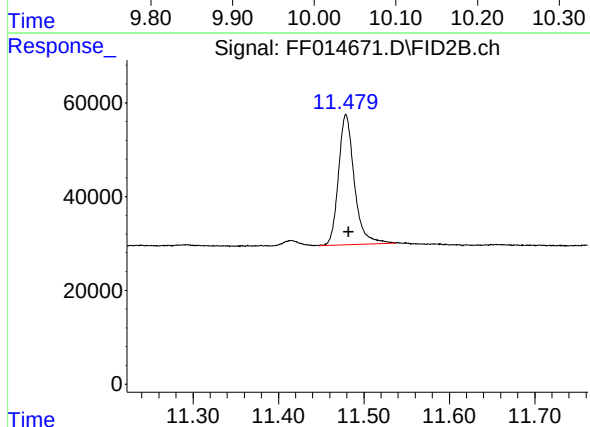
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: -0.002 min
Response: 313505
Conc: 2.38 ug/ml

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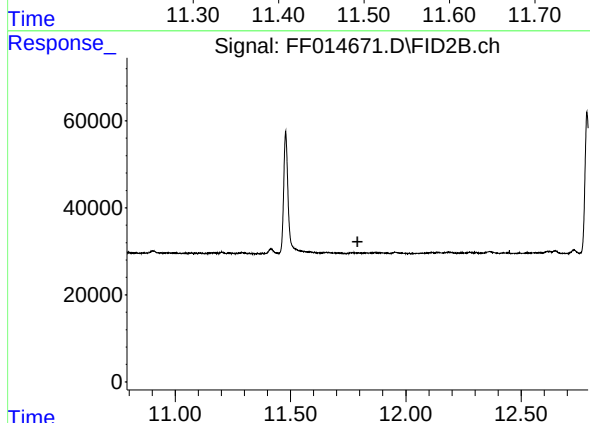
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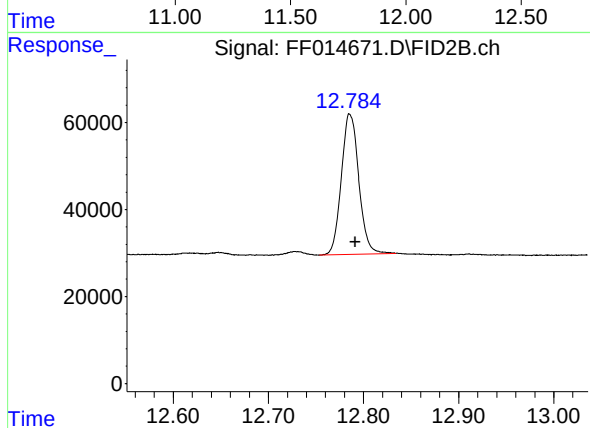
#8 n-Octadecane (C18)

R.T.: 11.479 min
Delta R.T.: -0.003 min
Response: 355474
Conc: 2.58 ug/ml



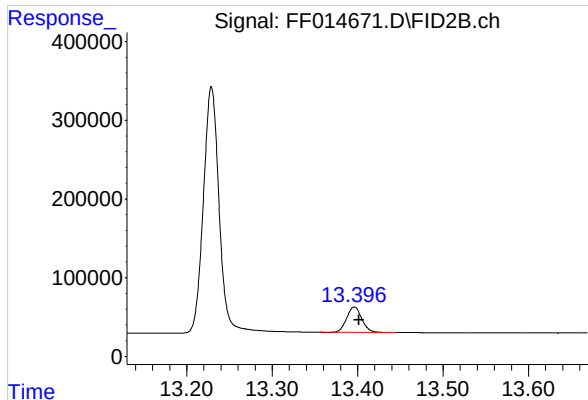
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.786 min
Delta R.T.: -0.006 min
Response: 412010
Conc: 2.96 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.396 min
Delta R.T.: -0.006 min
Response: 397207
Conc: 2.86 ug/ml

Instrument :

FID_F

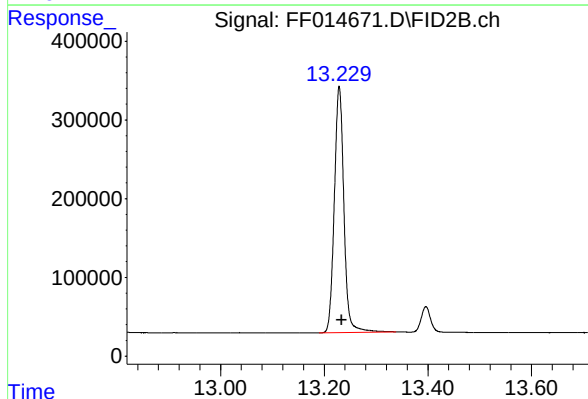
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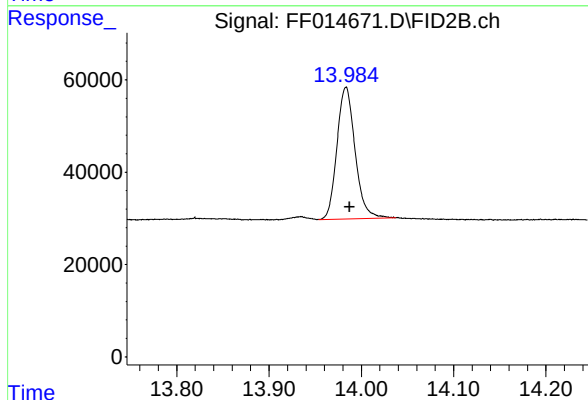
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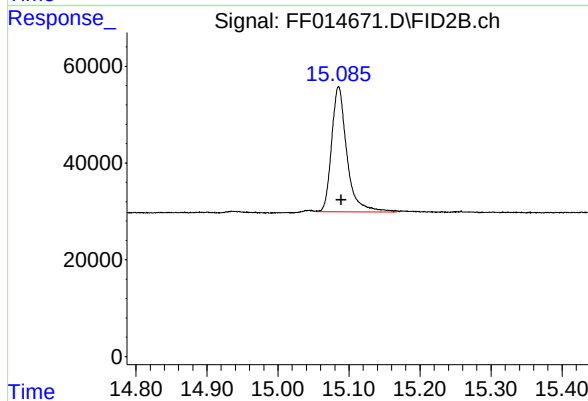
#12 1-chlorooctadecane (SURR)

R.T.: 13.229 min
Delta R.T.: -0.004 min
Response: 4013237
Conc: 33.49 ug/ml



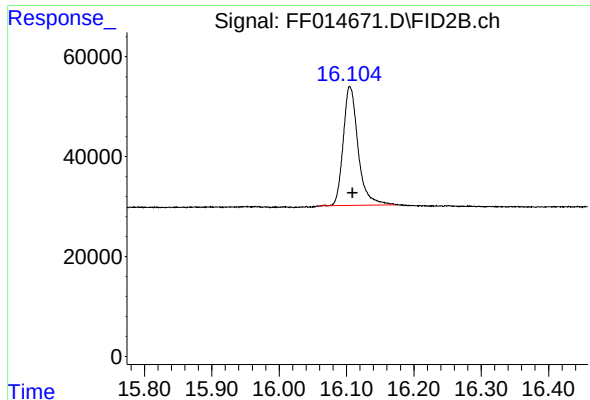
#13 n-Docosane (C22)

R.T.: 13.983 min
Delta R.T.: -0.004 min
Response: 389971
Conc: 2.78 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.085 min
Delta R.T.: -0.004 min
Response: 387053
Conc: 2.69 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.105 min
Delta R.T.: -0.004 min
Response: 366313
Conc: 2.52 ug/ml

Instrument :

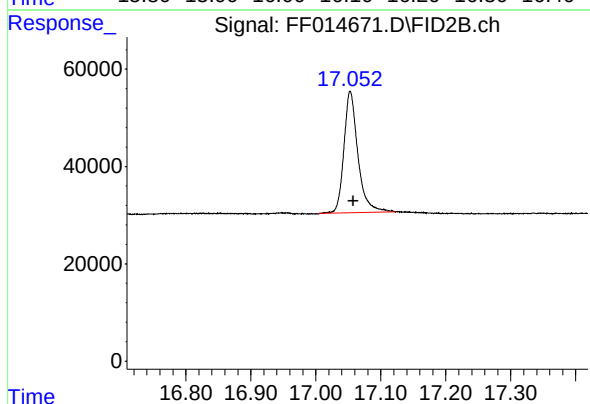
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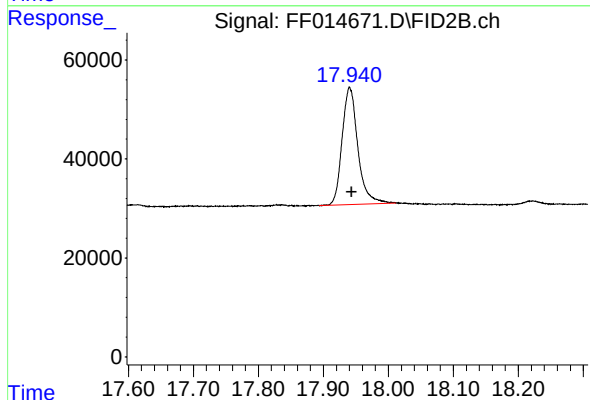
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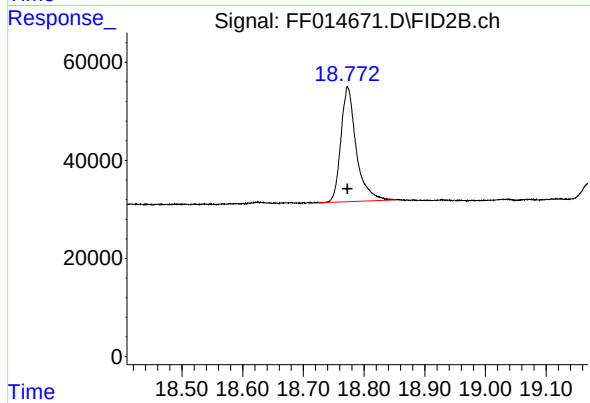
#16 n-Octacosane (C28)

R.T.: 17.053 min
Delta R.T.: -0.005 min
Response: 374549
Conc: 2.53 ug/ml



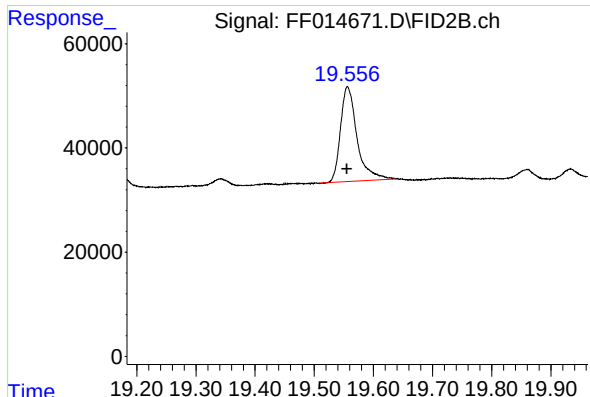
#17 n-Tricontane (C30)

R.T.: 17.940 min
Delta R.T.: -0.003 min
Response: 397524
Conc: 2.55 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: 0.000 min
Response: 410152
Conc: 2.68 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.556 min
Delta R.T.: 0.000 min
Response: 352734
Conc: 2.74 ug/ml

Instrument :

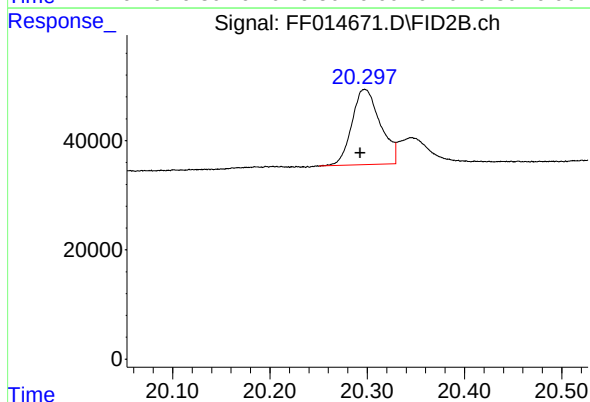
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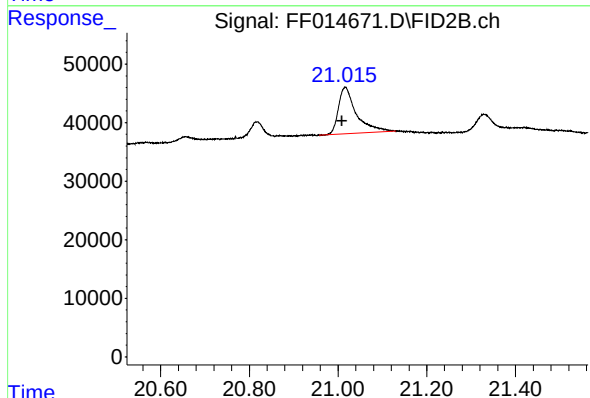
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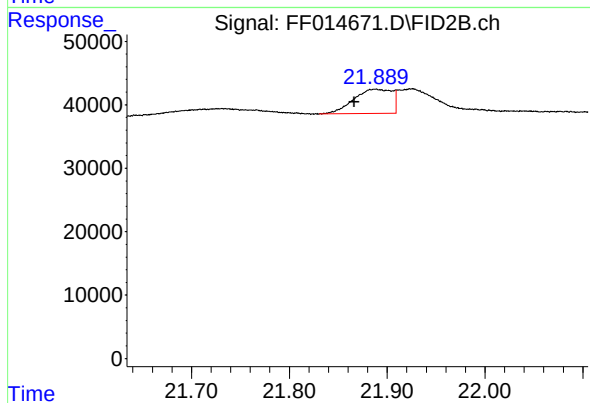
#20 n-Hexatriacontane (C36)

R.T.: 20.297 min
Delta R.T.: 0.004 min
Response: 280905
Conc: 2.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: 0.007 min
Response: 223076
Conc: 2.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: 0.022 min
Response: 104579
Conc: 1.34 ug/ml m