

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014388.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 12:22
 Operator : YP\AJ
 Sample : P3390-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 06:25:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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...	13.258	4200973	44.932 ug/ml
Spiked Amount 50.000		Recovery =	89.86%
Target Compounds			
1) T n-Nonane (C9)	3.218	169717	1.313 ug/ml
2) T n-Decane (C10)	4.466	206662	1.577 ug/ml
4) T n-Dodecane (C12)	6.630	314876	2.381 ug/ml
6) T n-Tetradecane (C14)	8.457	277795	2.158 ug/ml
7) T n-Hexadecane (C16)	10.063	225465	1.741 ug/ml
8) T n-Octadecane (C18)	11.505	310198	2.349 ug/ml
10) T n-Eicosane (C20)	12.813	279864	2.227 ug/ml
11) T n-Heneicosane (C21)	13.424	265013	2.161 ug/ml
13) T n-Docosane (C22)	14.012	268877	2.244 ug/ml
14) T n-Tetracosane (C24)	15.116	250750	2.146 ug/ml
15) T n-Hexacosane (C26)	16.139	244788	2.166 ug/ml
16) T n-Octacosane (C28)	17.089	253954	2.304 ug/ml
17) T n-Tricontane (C30)	17.977	274016	2.455 ug/ml
18) T n-Dotriacontane (C32)	18.808	282091	2.570 ug/ml
19) T n-Tetratriacontane (C34)	19.595	241882	2.356 ug/ml
20) T n-Hexatriacontane (C36)	20.335	171647	1.923 ug/ml
21) T n-Octatriacontane (C38)	21.061	107471	1.561 ug/ml
22) T n-Tetracontane (C40)	21.939	79808	1.784 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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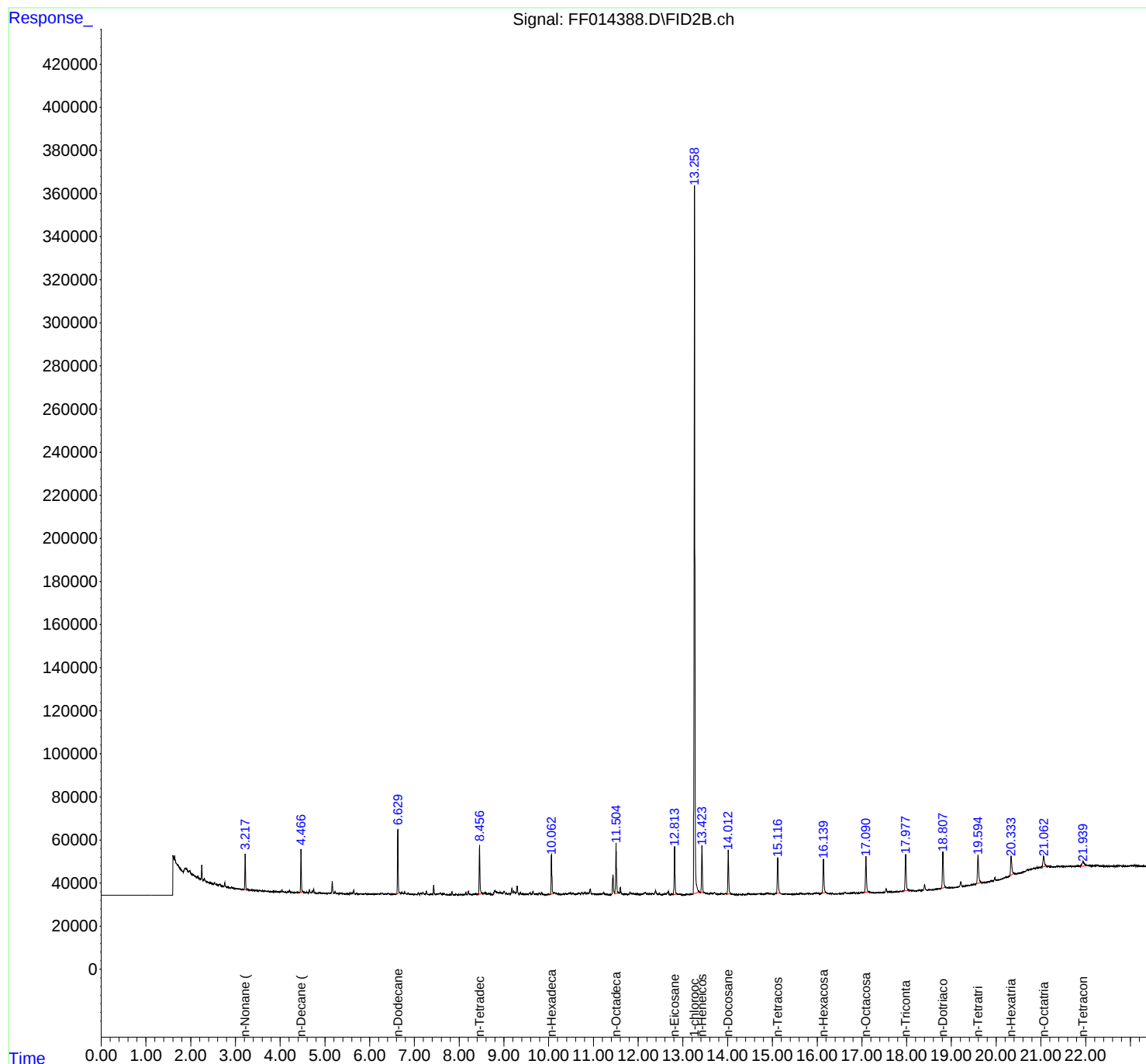
Instrument :
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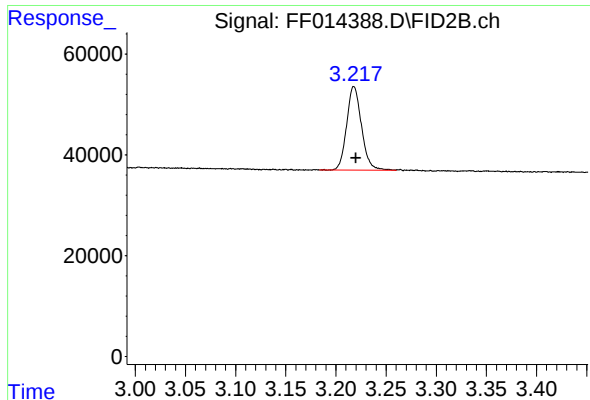
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.218 min
Delta R.T.: -0.002 min
Response: 169717
Conc: 1.31 ug/ml

Instrument :

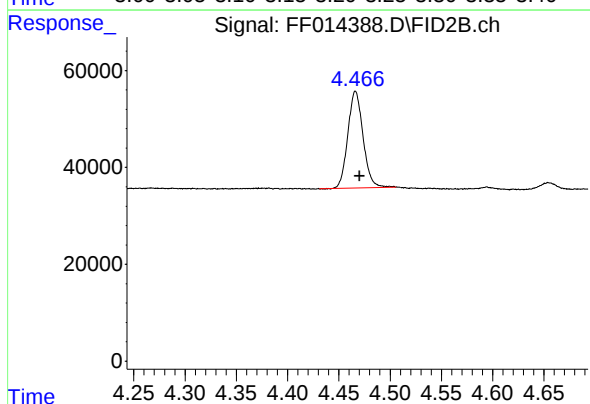
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ClientSampleId :

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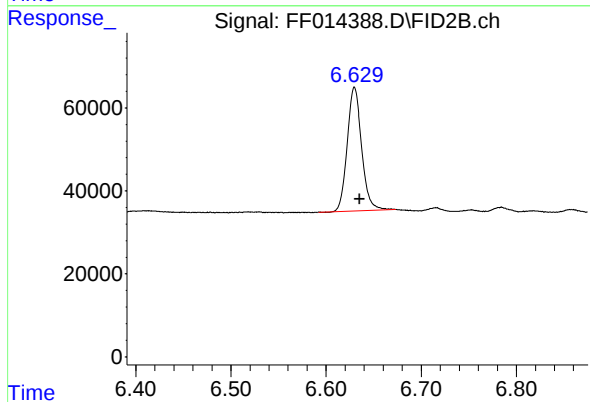
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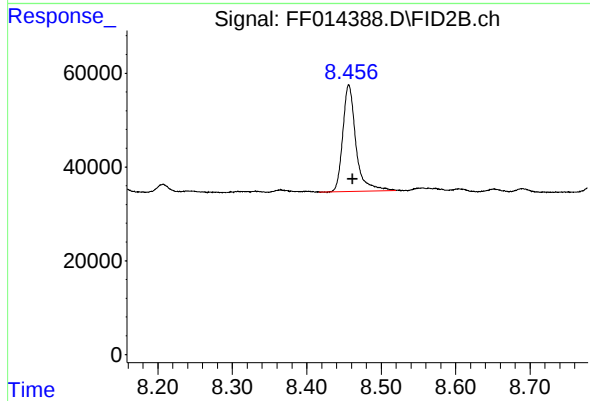
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 206662
Conc: 1.58 ug/ml



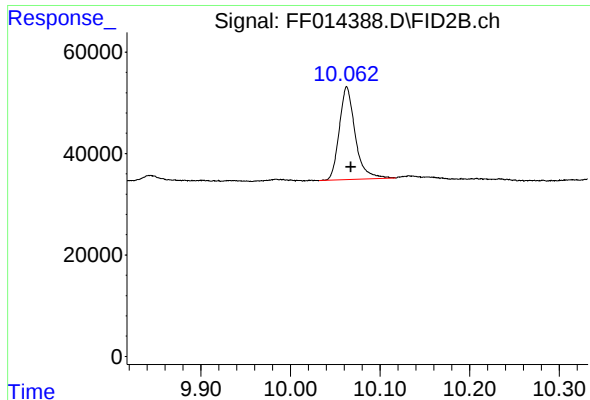
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 314876
Conc: 2.38 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 277795
Conc: 2.16 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.005 min
Response: 225465
Conc: 1.74 ug/ml

Instrument :

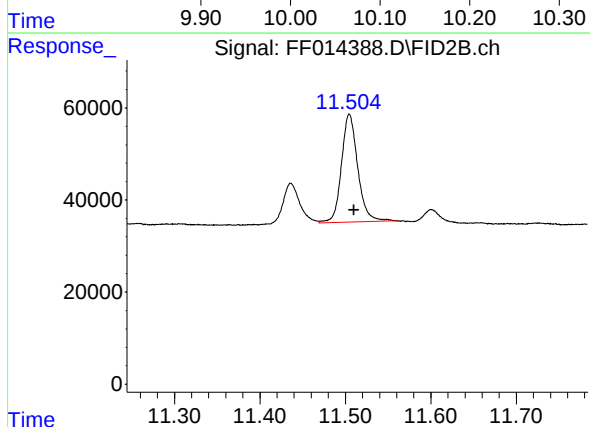
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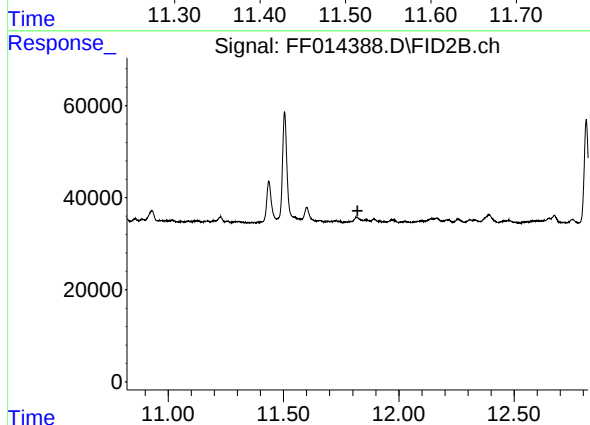
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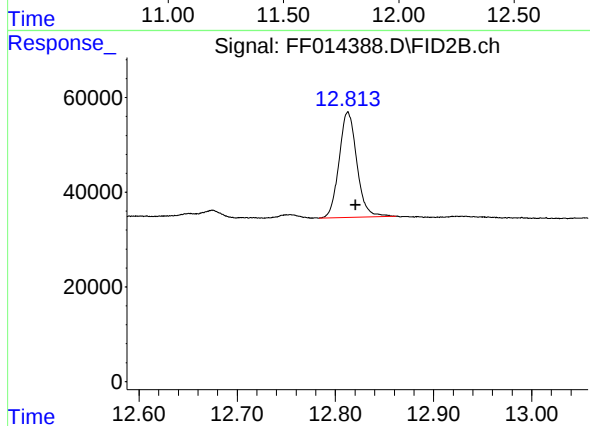
#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.006 min
Response: 310198
Conc: 2.35 ug/ml



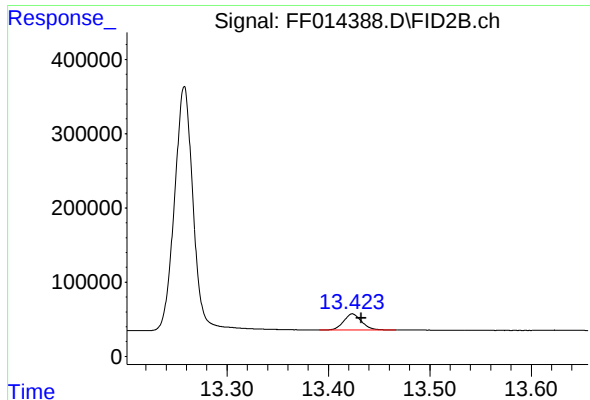
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.008 min
Response: 279864
Conc: 2.23 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.009 min
Response: 265013
Conc: 2.16 ug/ml

Instrument :

FID_F

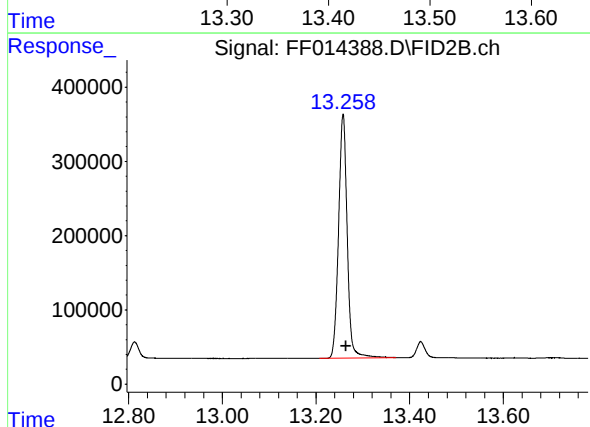
ClientSampleId :

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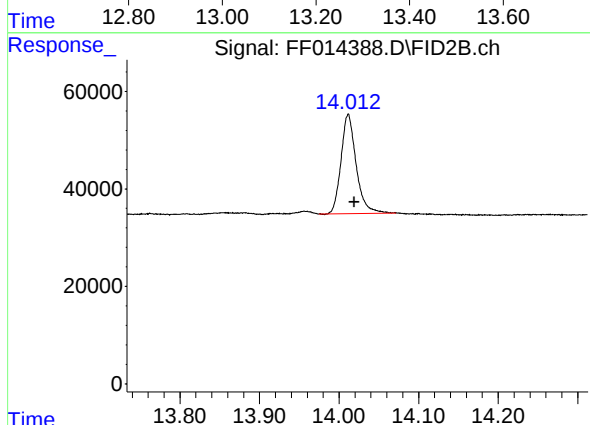
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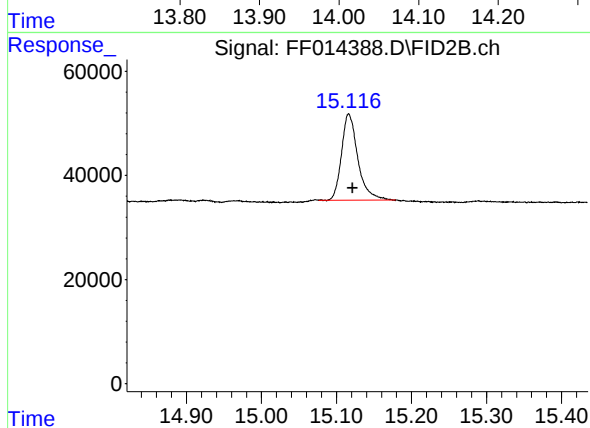
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.006 min
Response: 4200973
Conc: 44.93 ug/ml



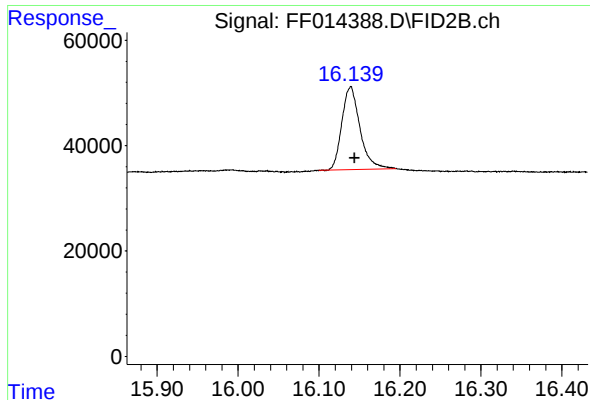
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.007 min
Response: 268877
Conc: 2.24 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.005 min
Response: 250750
Conc: 2.15 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.139 min
Delta R.T.: -0.005 min
Response: 244788
Conc: 2.17 ug/ml

Instrument :

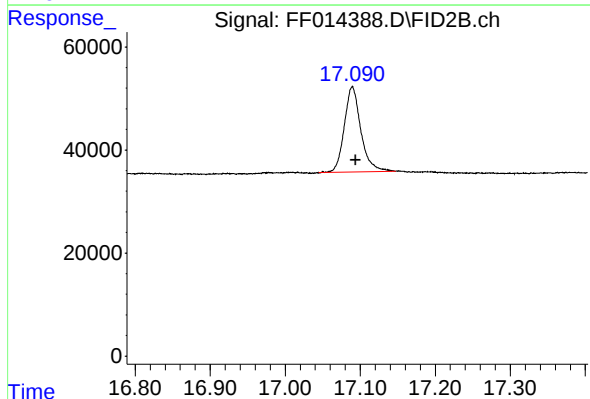
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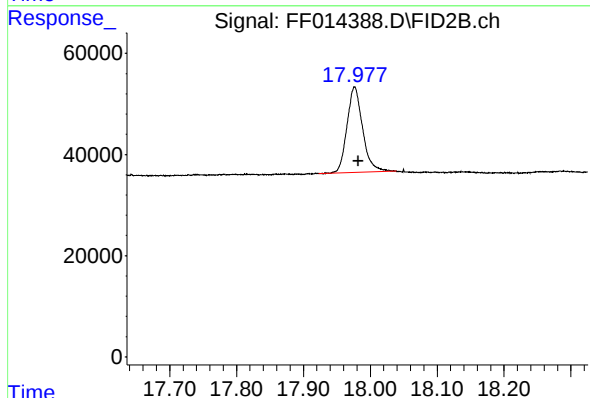
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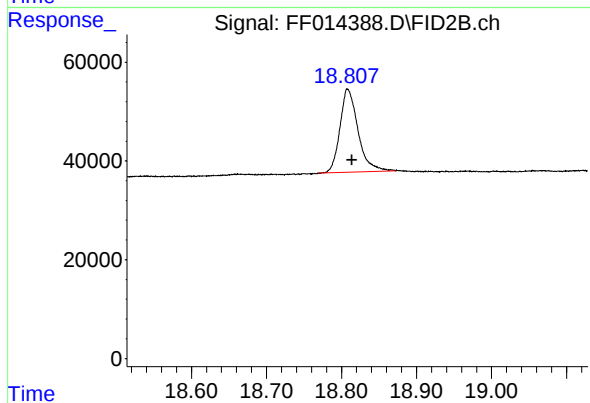
#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.004 min
Response: 253954
Conc: 2.30 ug/ml



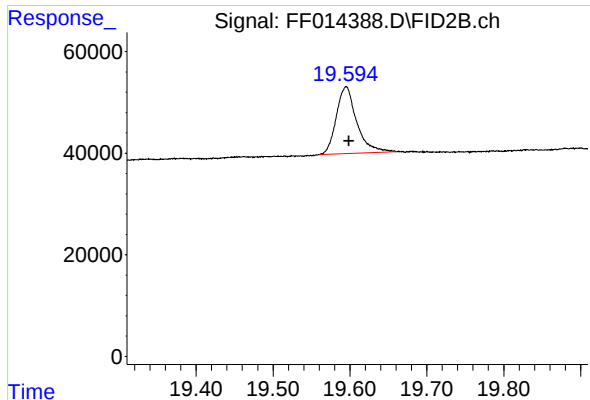
#17 n-Tricontane (C30)

R.T.: 17.977 min
Delta R.T.: -0.006 min
Response: 274016
Conc: 2.45 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.808 min
Delta R.T.: -0.006 min
Response: 282091
Conc: 2.57 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.003 min
Response: 241882
Conc: 2.36 ug/ml

Instrument :

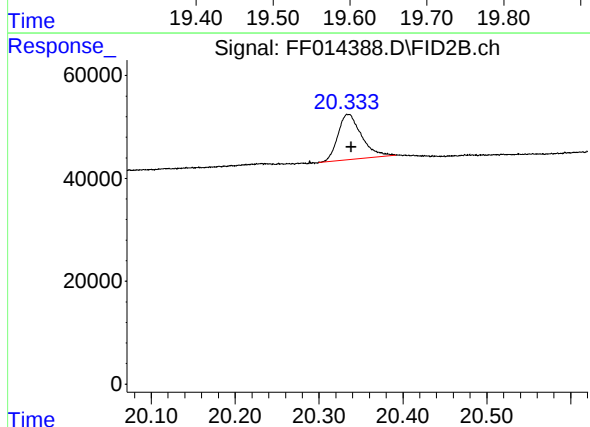
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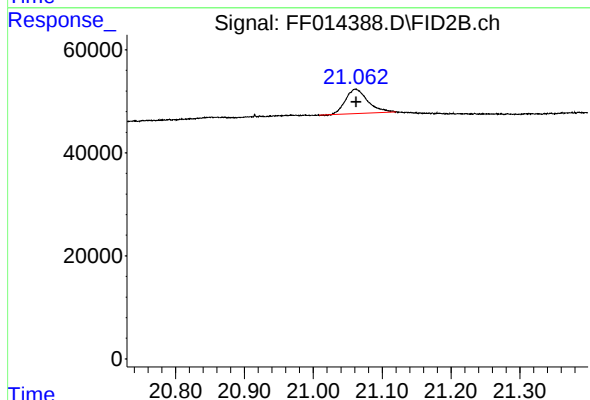
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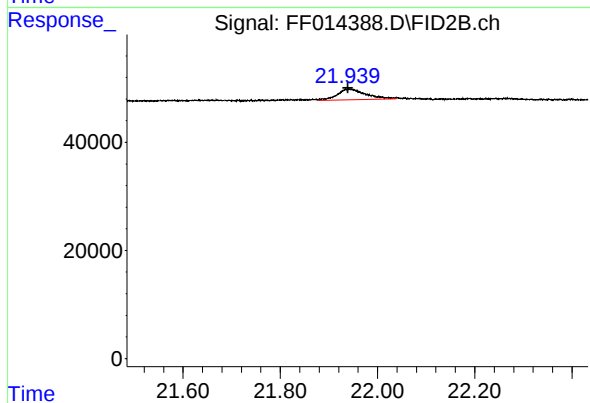
#20 n-Hexatriacontane (C36)

R.T.: 20.335 min
Delta R.T.: -0.003 min
Response: 171647
Conc: 1.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.061 min
Delta R.T.: -0.001 min
Response: 107471
Conc: 1.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.000 min
Response: 79808
Conc: 1.78 ug/ml m