

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014437.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 17:56
 Operator : YP\AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 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 02:37:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 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...	13.249	4781847	48.258 ug/ml
Spiked Amount 50.000		Recovery =	96.52%
Target Compounds			
1) T n-Nonane (C9)	3.183	173763	1.393 ug/ml
2) T n-Decane (C10)	4.431	214507	1.693 ug/mlm
4) T n-Dodecane (C12)	6.602	250743	2.005 ug/ml
6) T n-Tetradecane (C14)	8.435	228822	1.922 ug/mlm
7) T n-Hexadecane (C16)	10.047	237888	1.889 ug/ml
8) T n-Octadecane (C18)	11.491	284414	2.201 ug/ml
10) T n-Eicosane (C20)	12.802	316046	2.550 ug/ml
11) T n-Heneicosane (C21)	13.415	294421	2.424 ug/ml
13) T n-Docosane (C22)	14.008	319752	2.656 ug/mlm
14) T n-Tetracosane (C24)	15.115	314448	2.611 ug/mlm
15) T n-Hexacosane (C26)	16.140	309077	2.622 ug/ml
16) T n-Octacosane (C28)	17.089	306514	2.636 ug/ml
17) T n-Tricontane (C30)	17.978	330791	2.769 ug/ml
18) T n-Dotriacontane (C32)	18.812	338768	2.935 ug/ml
19) T n-Tetratriacontane (C34)	19.599	312579	3.128 ug/ml
20) T n-Hexatriacontane (C36)	20.341	266142	3.063 ug/ml
21) T n-Octatriacontane (C38)	21.071	261390	3.440 ug/ml
22) T n-Tetracontane (C40)	21.959	246134	3.718 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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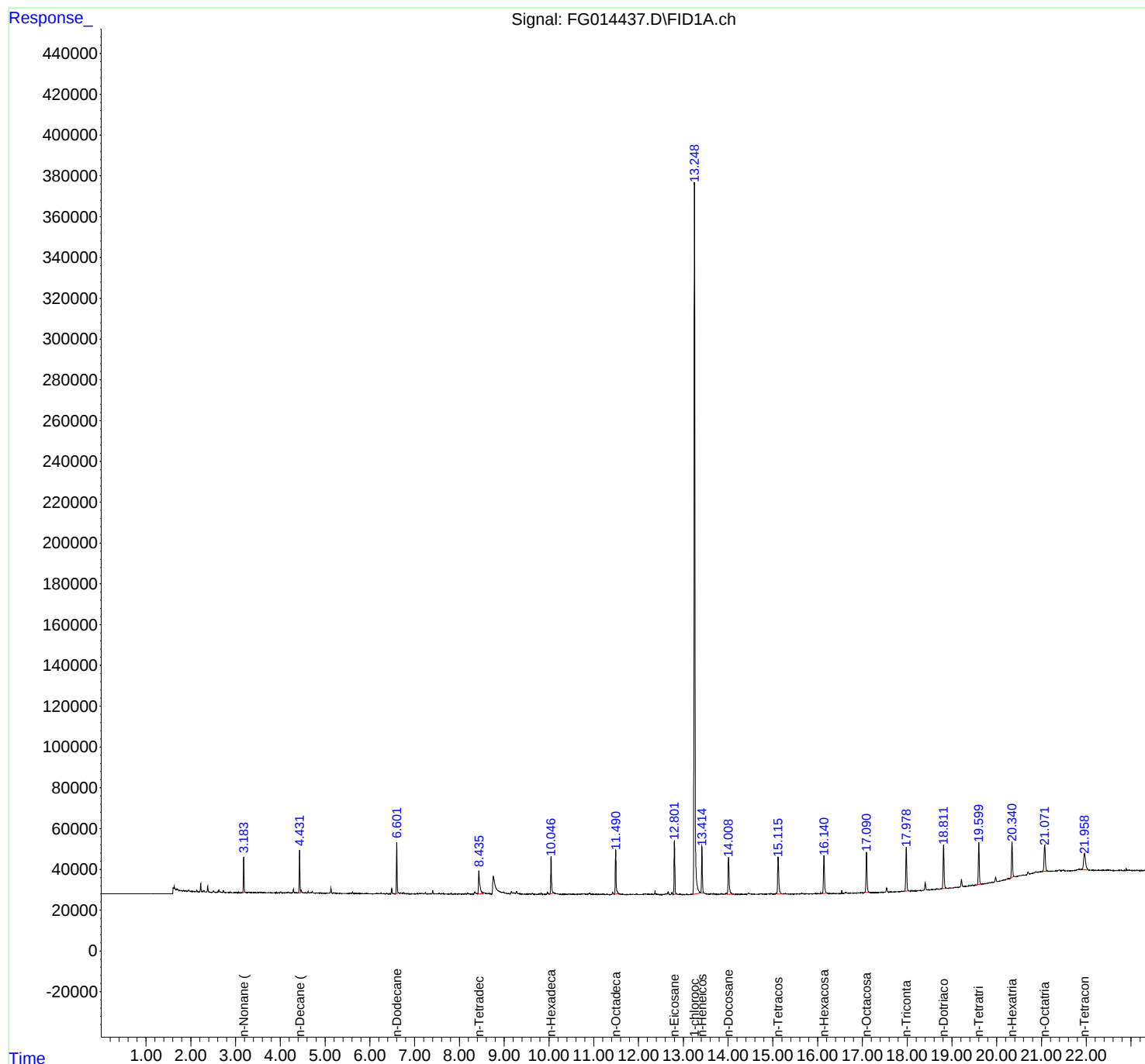
Instrument :
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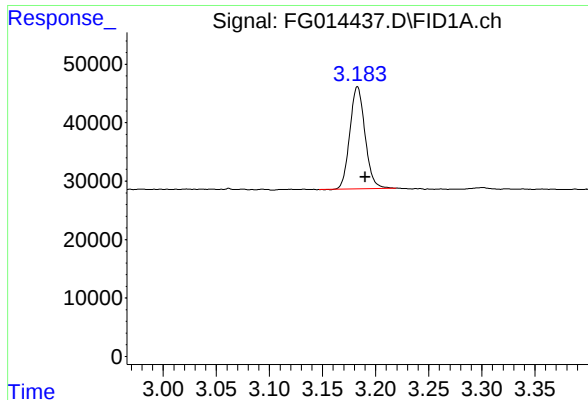
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#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.007 min
Response: 173763
Conc: 1.39 ug/ml

Instrument :

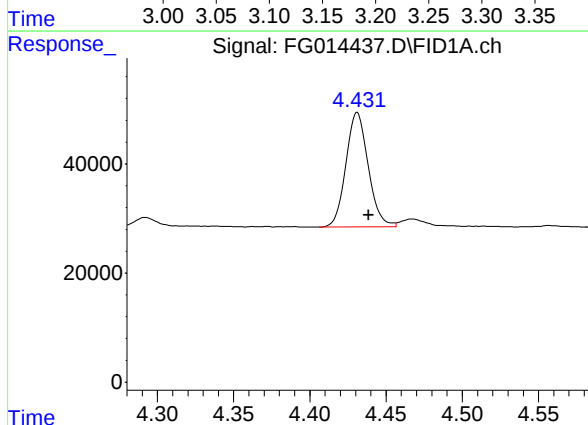
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ClientSampleId :

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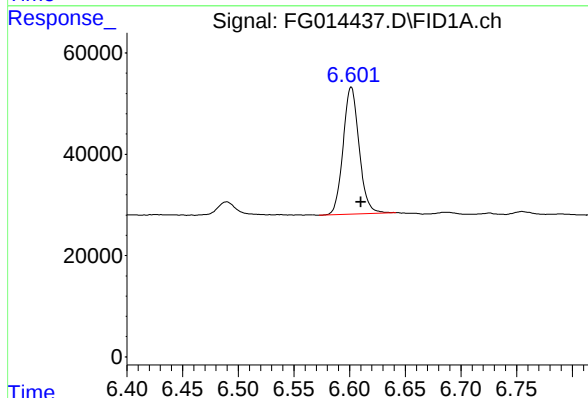
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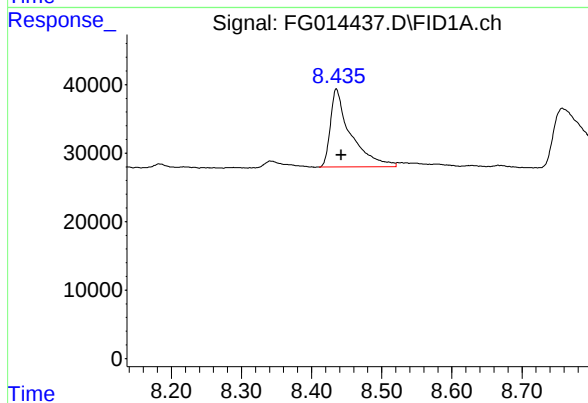
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: -0.008 min
Response: 214507
Conc: 1.69 ug/ml m



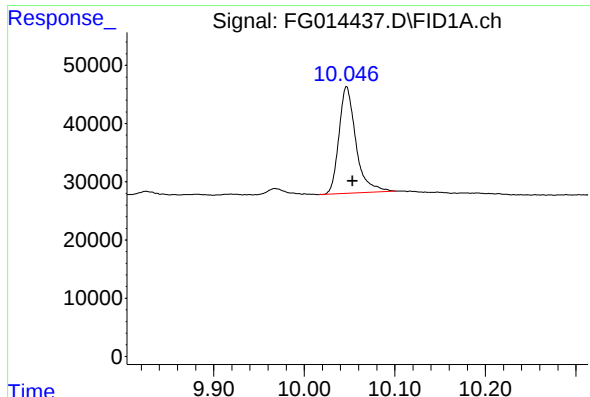
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.009 min
Response: 250743
Conc: 2.00 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.435 min
Delta R.T.: -0.007 min
Response: 228822
Conc: 1.92 ug/ml m



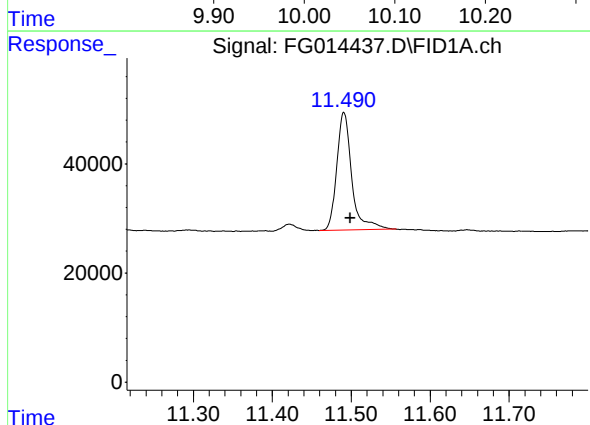
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: -0.007 min
Response: 237888
Conc: 1.89 ug/ml

Instrument :
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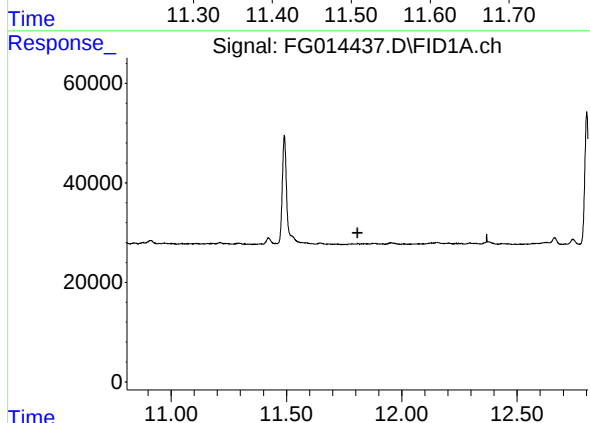
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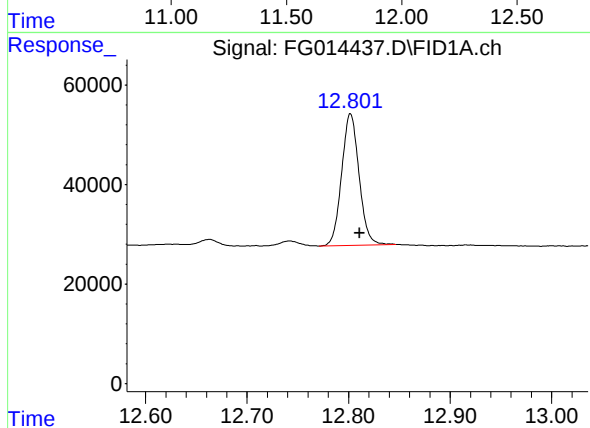
#8 n-Octadecane (C18)

R.T.: 11.491 min
Delta R.T.: -0.008 min
Response: 284414
Conc: 2.20 ug/ml



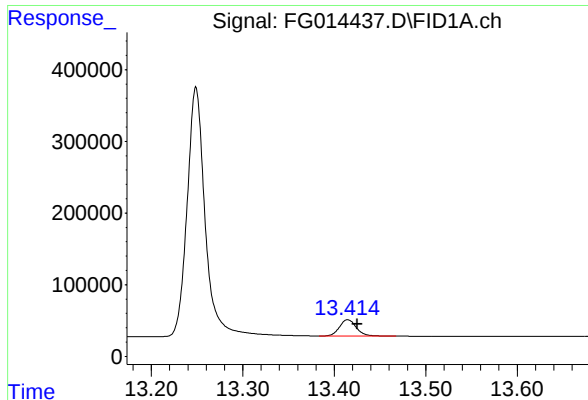
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.808 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.802 min
Delta R.T.: -0.009 min
Response: 316046
Conc: 2.55 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.011 min
Response: 294421
Conc: 2.42 ug/ml

Instrument :

FID_G

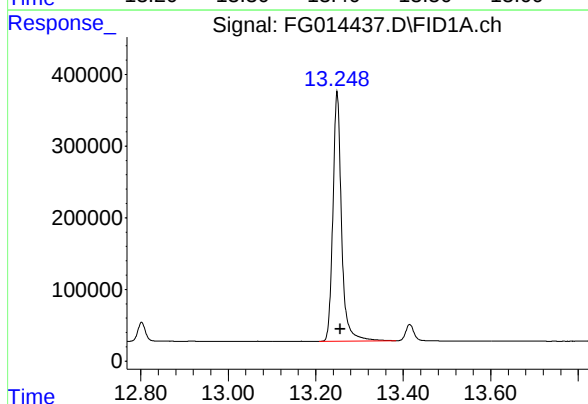
ClientSampleId :

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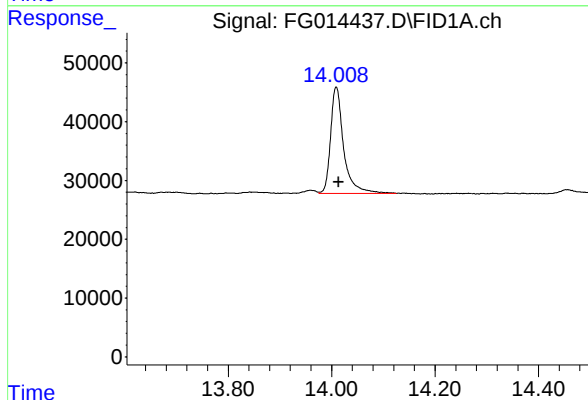
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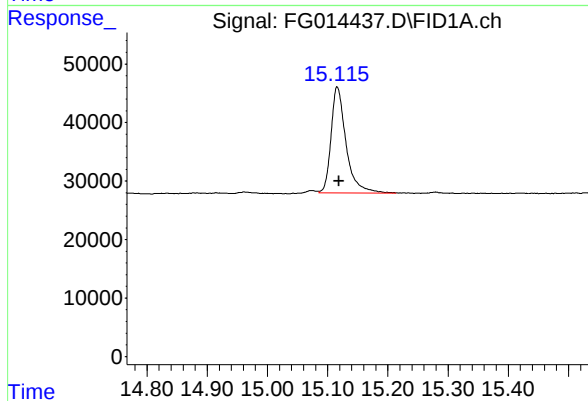
#12 1-chlorooctadecane (SURR)

R.T.: 13.249 min
Delta R.T.: -0.007 min
Response: 4781847
Conc: 48.26 ug/ml



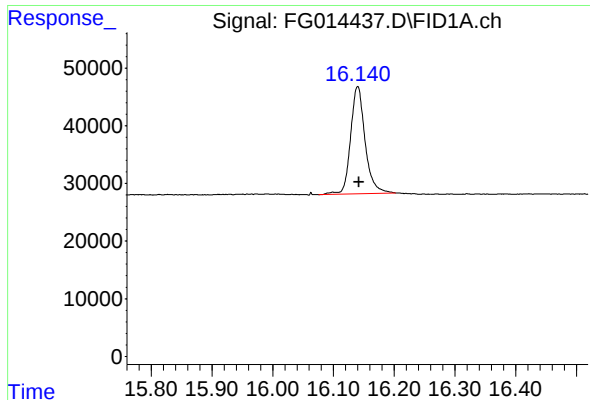
#13 n-Docosane (C22)

R.T.: 14.008 min
Delta R.T.: -0.005 min
Response: 319752
Conc: 2.66 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: -0.004 min
Response: 314448
Conc: 2.61 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.140 min
Delta R.T.: -0.002 min
Response: 309077
Conc: 2.62 ug/ml

Instrument :

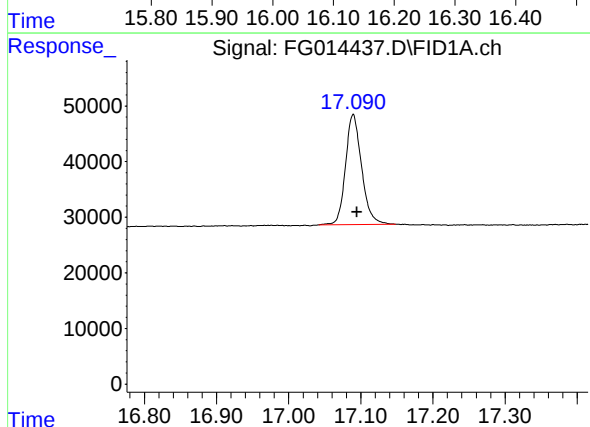
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ClientSampleId :

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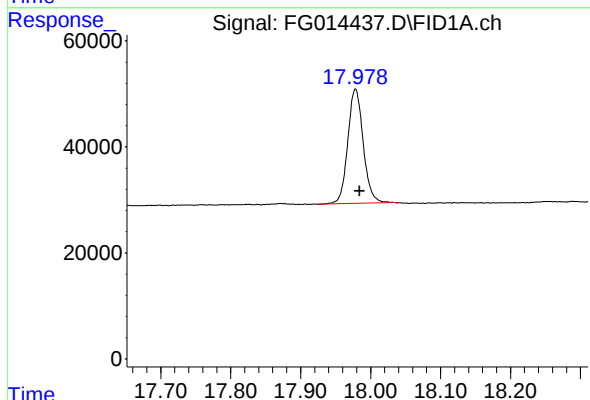
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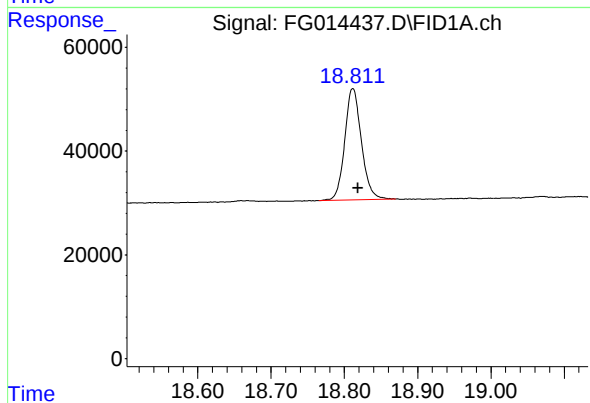
#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.005 min
Response: 306514
Conc: 2.64 ug/ml



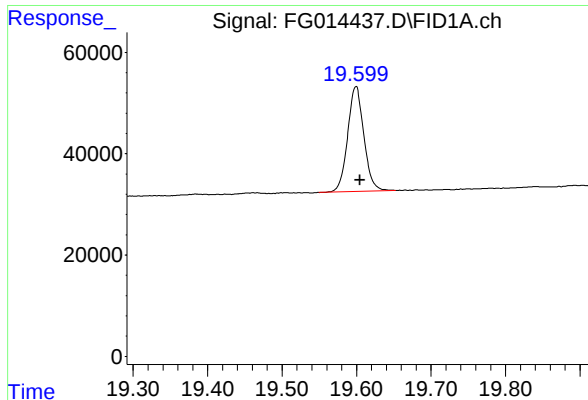
#17 n-Tricontane (C30)

R.T.: 17.978 min
Delta R.T.: -0.006 min
Response: 330791
Conc: 2.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.812 min
Delta R.T.: -0.007 min
Response: 338768
Conc: 2.93 ug/ml



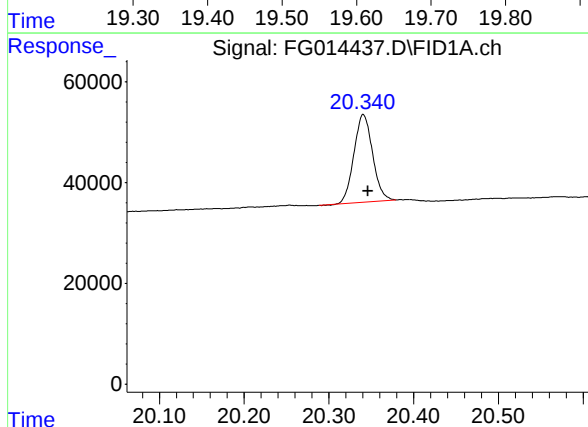
#19 n-Tetratriacontane (C34)

R.T.: 19.599 min
Delta R.T.: -0.006 min
Response: 312579
Conc: 3.13 ug/ml

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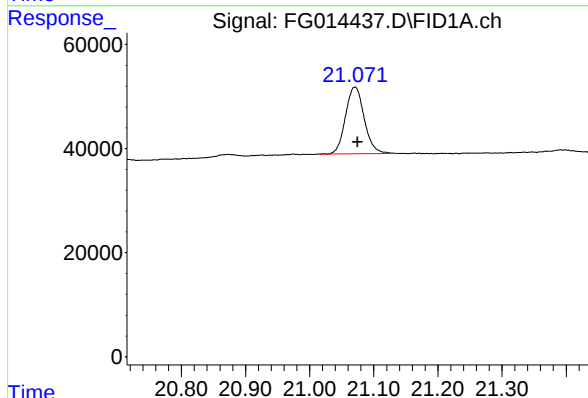
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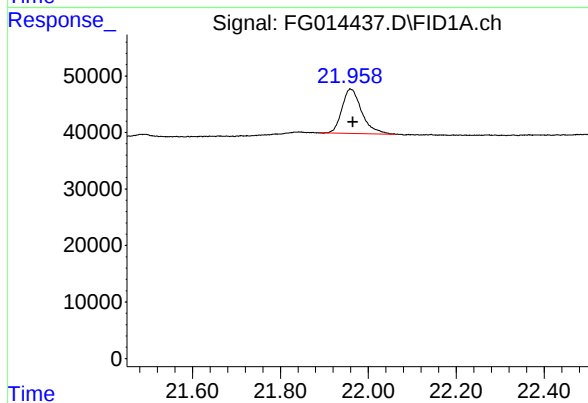
#20 n-Hexatriacontane (C36)

R.T.: 20.341 min
Delta R.T.: -0.006 min
Response: 266142
Conc: 3.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.004 min
Response: 261390
Conc: 3.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.006 min
Response: 246134
Conc: 3.72 ug/ml