

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014440.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 19:23
 Operator : YP\AJ
 Sample : P4368-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 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 02:37:41 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	5251438	52.997 ug/ml
Spiked Amount 50.000		Recovery =	105.99%
Target Compounds			
1) T n-Nonane (C9)	3.183	148496	1.191 ug/ml
2) T n-Decane (C10)	4.431	181260	1.430 ug/mlm
4) T n-Dodecane (C12)	6.602	214752	1.717 ug/ml
6) T n-Tetradecane (C14)	8.435	171590	1.441 ug/ml
7) T n-Hexadecane (C16)	10.046	204596	1.625 ug/ml
8) T n-Octadecane (C18)	11.489	267219	2.068 ug/ml
10) T n-Eicosane (C20)	12.801	318987	2.573 ug/ml
11) T n-Heneicosane (C21)	13.415	295152	2.430 ug/ml
13) T n-Docosane (C22)	14.003	376680	3.129 ug/ml
14) T n-Tetracosane (C24)	15.109	515819	4.283 ug/ml
15) T n-Hexacosane (C26)	16.134	563732	4.782 ug/ml
16) T n-Octacosane (C28)	17.085	628981	5.409 ug/ml
17) T n-Tricontane (C30)	17.975	591261	4.949 ug/mlm
18) T n-Dotriacontane (C32)	18.810	547627	4.744 ug/ml
19) T n-Tetratriacontane (C34)	19.596	391690	3.919 ug/ml
20) T n-Hexatriacontane (C36)	20.339	316144	3.639 ug/ml
21) T n-Octatriacontane (C38)	21.067	274238	3.609 ug/ml
22) T n-Tetracontane (C40)	21.956	281563	4.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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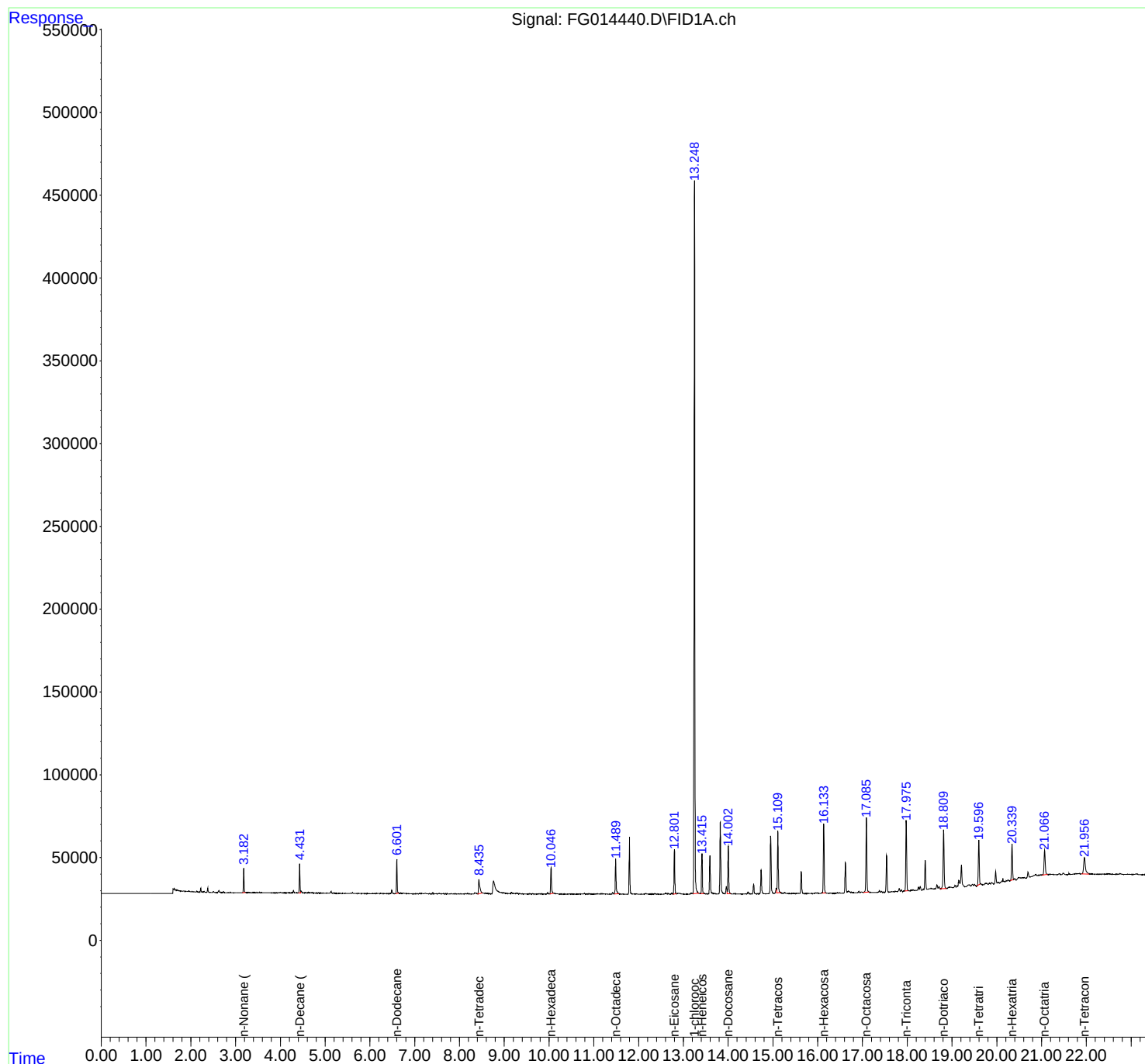
Instrument :
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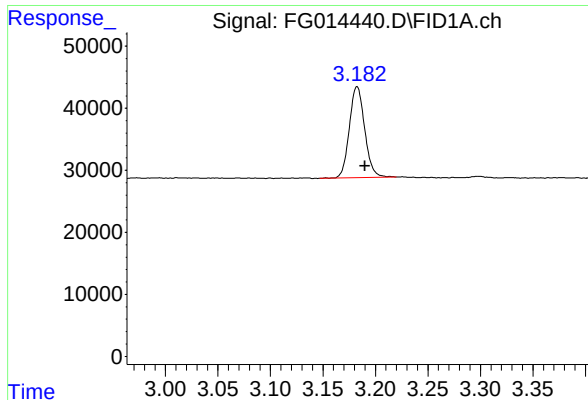
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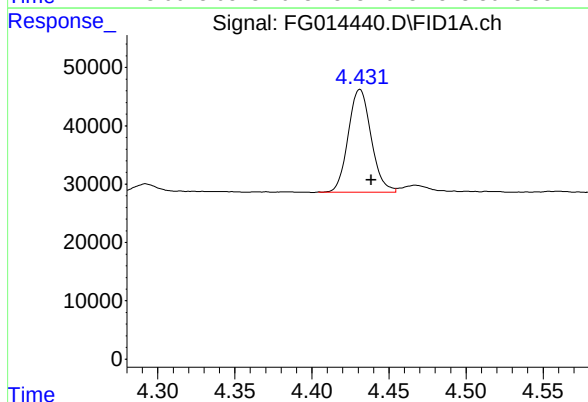
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.007 min
Response: 148496
Conc: 1.19 ug/ml

Instrument :
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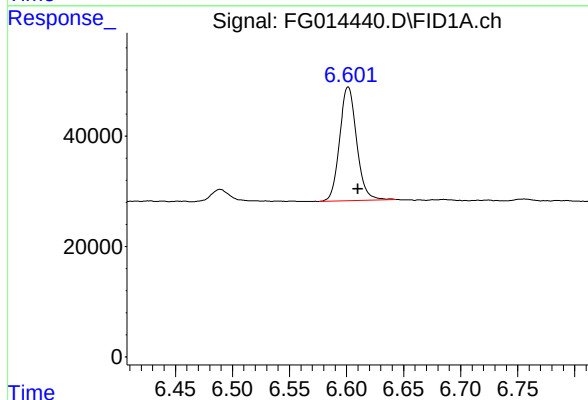
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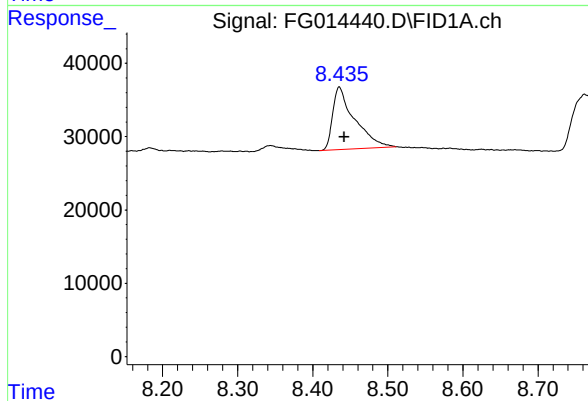
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: -0.008 min
Response: 181260
Conc: 1.43 ug/ml m



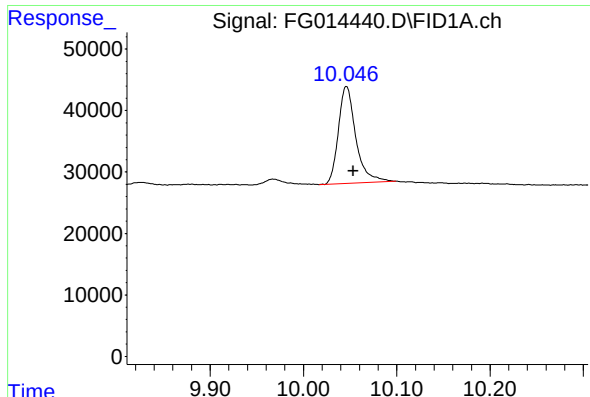
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.009 min
Response: 214752
Conc: 1.72 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.435 min
Delta R.T.: -0.007 min
Response: 171590
Conc: 1.44 ug/ml



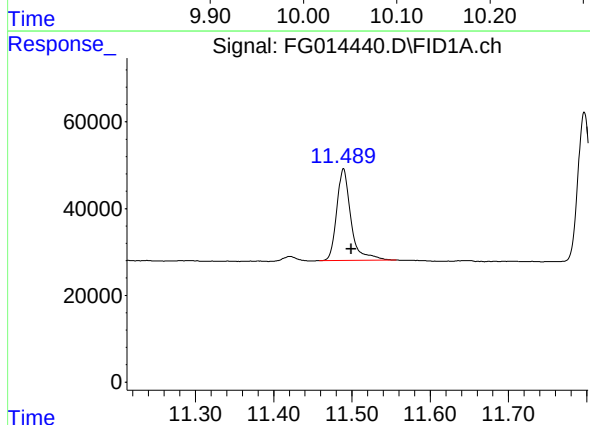
#7 n-Hexadecane (C16)

R.T.: 10.046 min
Delta R.T.: -0.007 min
Response: 204596
Conc: 1.63 ug/ml

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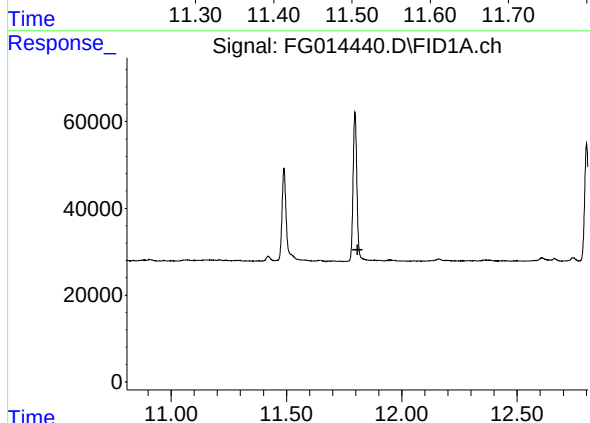
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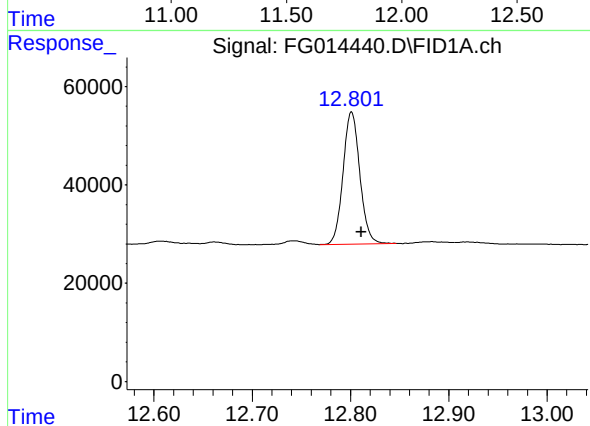
#8 n-Octadecane (C18)

R.T.: 11.489 min
Delta R.T.: -0.010 min
Response: 267219
Conc: 2.07 ug/ml



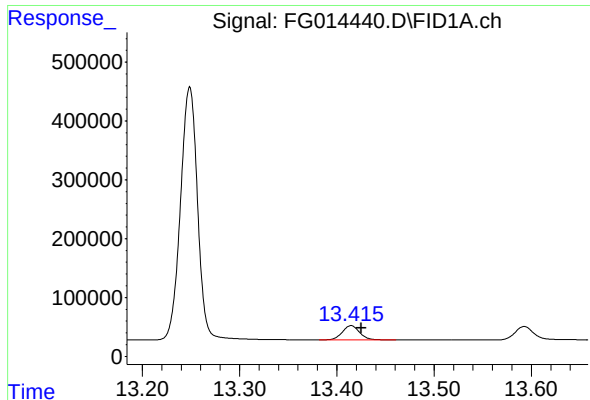
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.801 min
Delta R.T.: -0.010 min
Response: 318987
Conc: 2.57 ug/ml



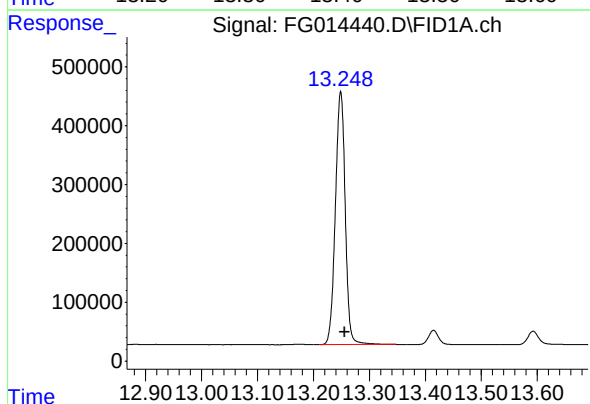
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.010 min
Response: 295152
Conc: 2.43 ug/ml

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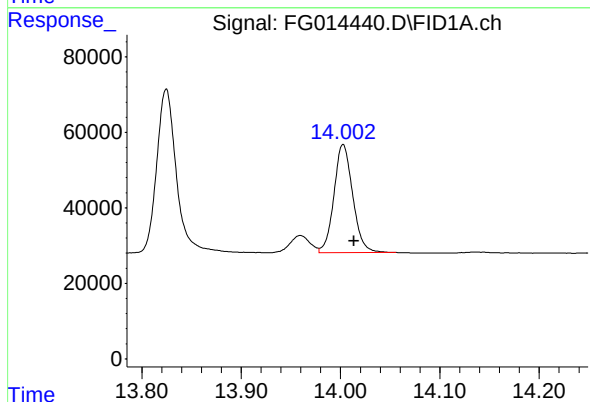
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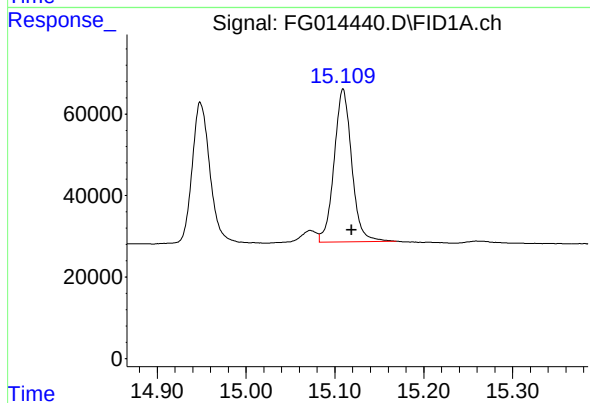
#12 1-chlorooctadecane (SURR)

R.T.: 13.249 min
Delta R.T.: -0.007 min
Response: 5251438
Conc: 53.00 ug/ml



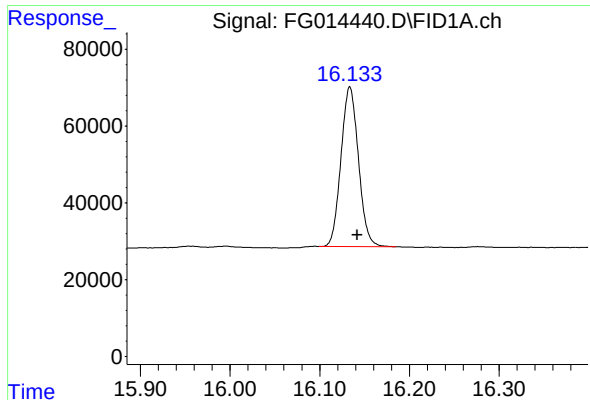
#13 n-Docosane (C22)

R.T.: 14.003 min
Delta R.T.: -0.011 min
Response: 376680
Conc: 3.13 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.109 min
Delta R.T.: -0.010 min
Response: 515819
Conc: 4.28 ug/ml



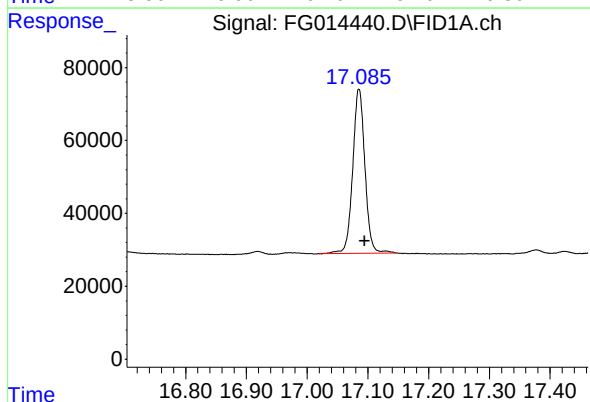
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.009 min
Response: 563732
Conc: 4.78 ug/ml

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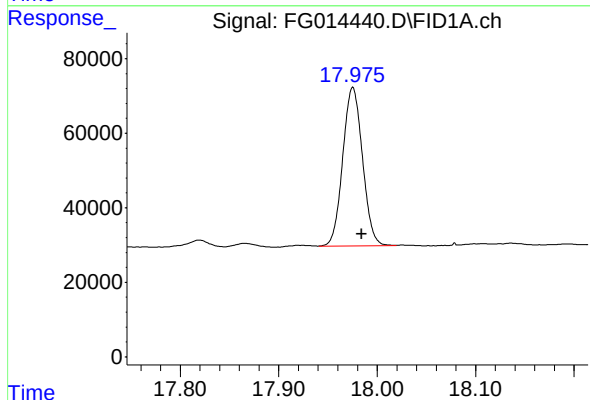
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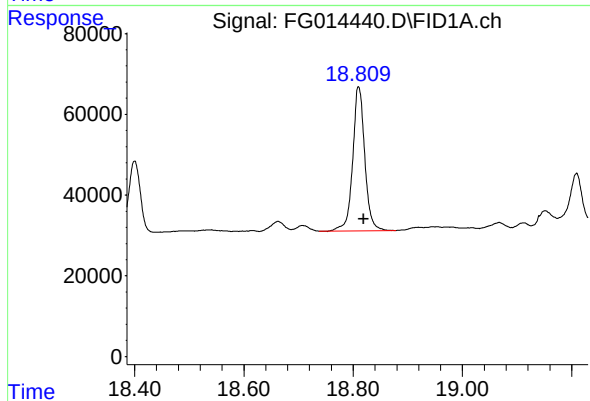
#16 n-Octacosane (C28)

R.T.: 17.085 min
Delta R.T.: -0.009 min
Response: 628981
Conc: 5.41 ug/ml



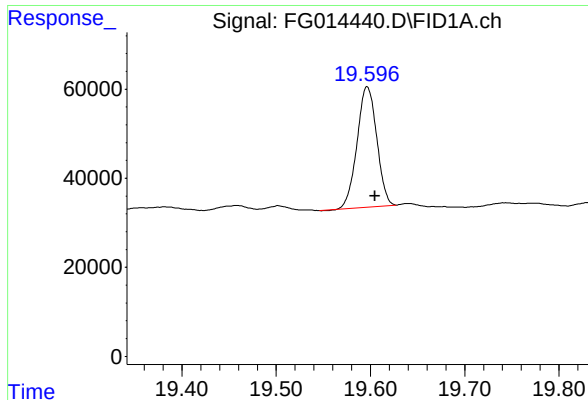
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.009 min
Response: 591261
Conc: 4.95 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.810 min
Delta R.T.: -0.009 min
Response: 547627
Conc: 4.74 ug/ml



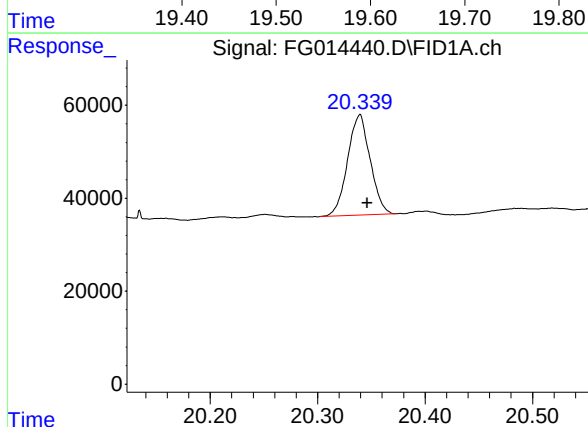
#19 n-Tetratriacontane (C34)

R.T.: 19.596 min
Delta R.T.: -0.008 min
Response: 391690
Conc: 3.92 ug/ml

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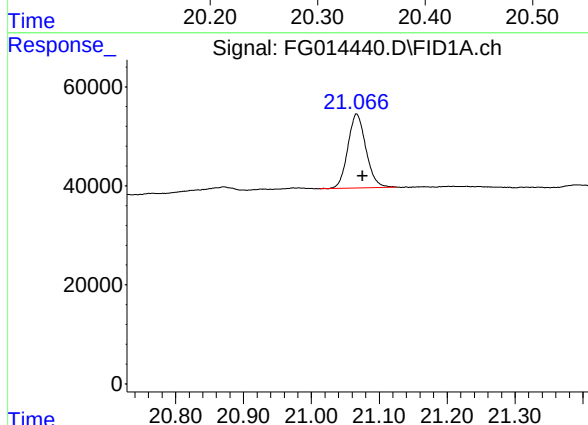
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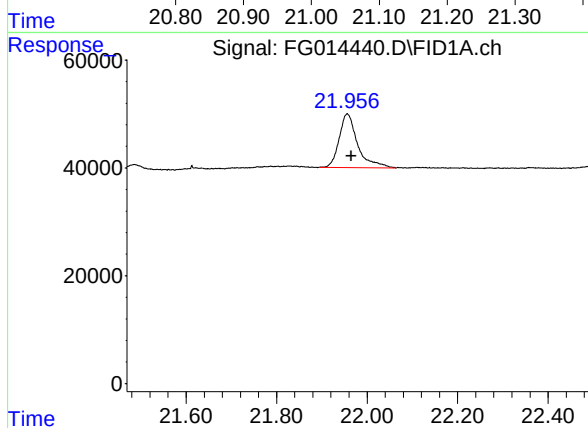
#20 n-Hexatriacontane (C36)

R.T.: 20.339 min
Delta R.T.: -0.007 min
Response: 316144
Conc: 3.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.067 min
Delta R.T.: -0.009 min
Response: 274238
Conc: 3.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.009 min
Response: 281563
Conc: 4.25 ug/ml