

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014439.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 18:54
 Operator : YP\AJ
 Sample : P4368-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-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 02:37:27 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	5123962	51.711 ug/ml
Spiked Amount 50.000		Recovery =	103.42%
Target Compounds			
1) T n-Nonane (C9)	3.182	334062	2.679 ug/ml
2) T n-Decane (C10)	4.430	409327	3.230 ug/ml
4) T n-Dodecane (C12)	6.602	460742	3.684 ug/ml
6) T n-Tetradecane (C14)	8.435	410692	3.450 ug/ml
7) T n-Hexadecane (C16)	10.046	469578	3.730 ug/ml
8) T n-Octadecane (C18)	11.490	553627	4.285 ug/ml
10) T n-Eicosane (C20)	12.801	614686	4.959 ug/ml
11) T n-Heneicosane (C21)	13.415	578944	4.766 ug/ml
13) T n-Docosane (C22)	14.003	658012	5.465 ug/ml
14) T n-Tetracosane (C24)	15.110	764295	6.346 ug/ml
15) T n-Hexacosane (C26)	16.134	806370	6.840 ug/ml
16) T n-Octacosane (C28)	17.086	823076	7.078 ug/ml
17) T n-Tricontane (C30)	17.975	779877	6.528 ug/mlm
18) T n-Dotriacontane (C32)	18.810	735627	6.372 ug/ml
19) T n-Tetratriacontane (C34)	19.595	617180	6.176 ug/mlm
20) T n-Hexatriacontane (C36)	20.338	519752	5.982 ug/ml
21) T n-Octatriacontane (C38)	21.065	491006	6.462 ug/ml
22) T n-Tetracontane (C40)	21.956	530703	8.016 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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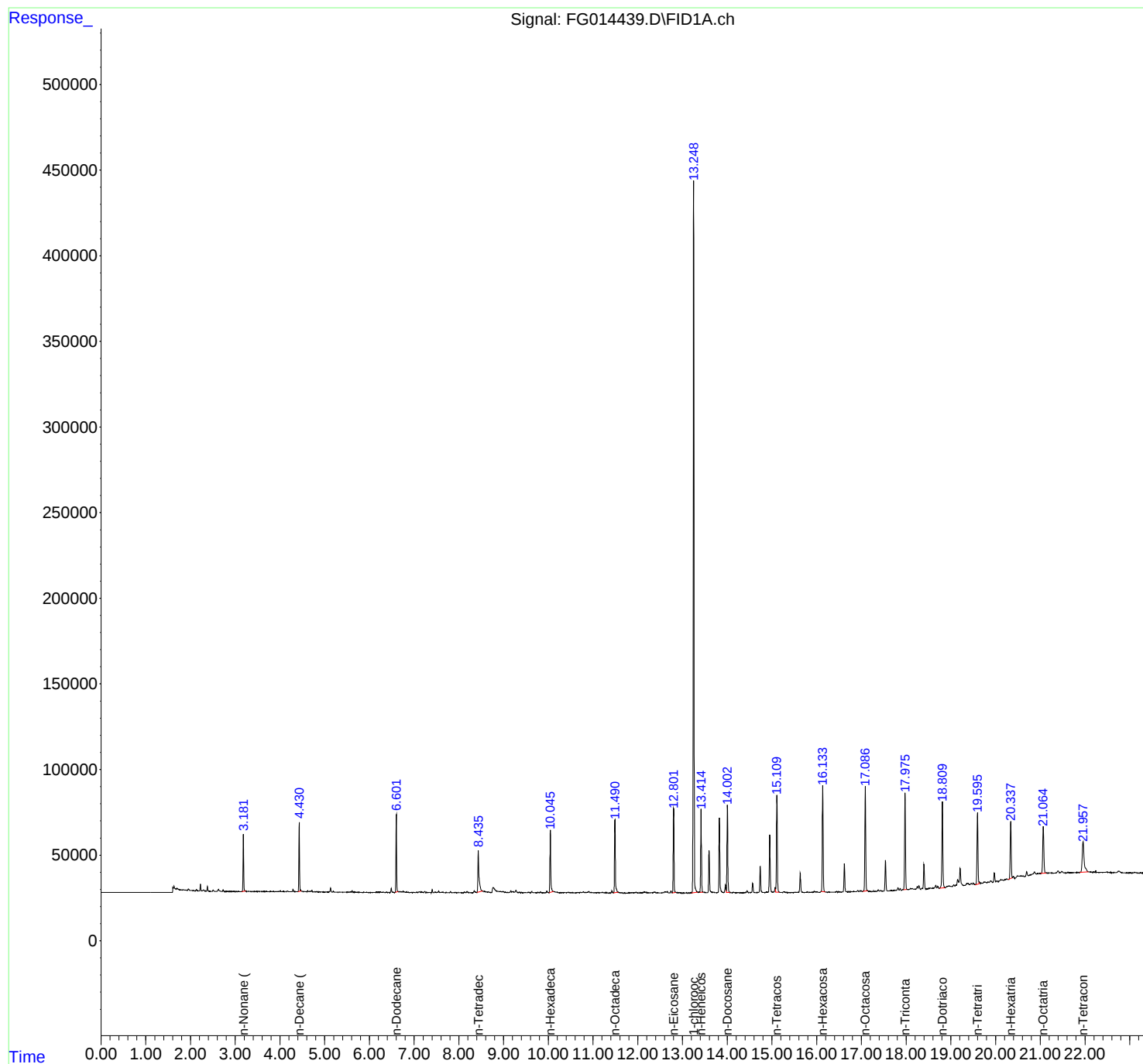
Instrument :
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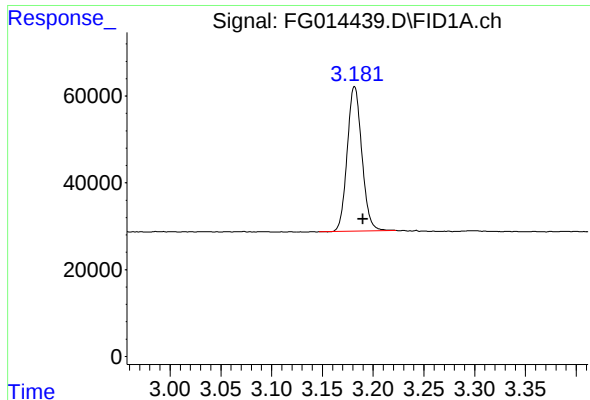
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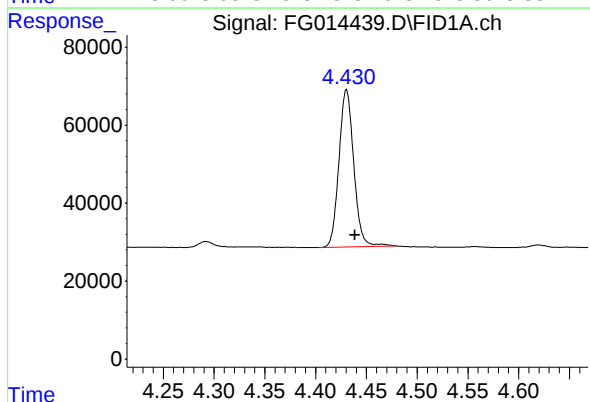
#1 n-Nonane (C9)

R.T.: 3.182 min
Delta R.T.: -0.008 min
Response: 334062
Conc: 2.68 ug/ml

Instrument :
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ClientSampleId :
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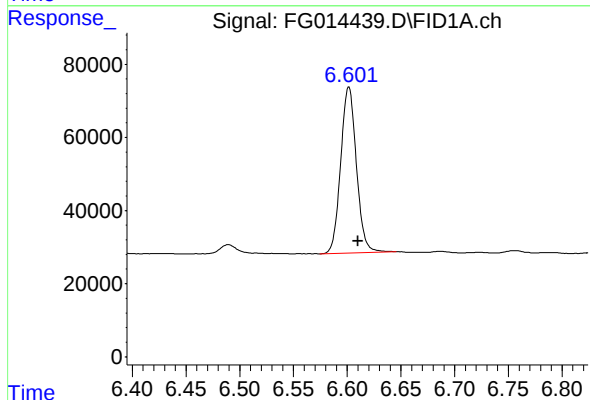
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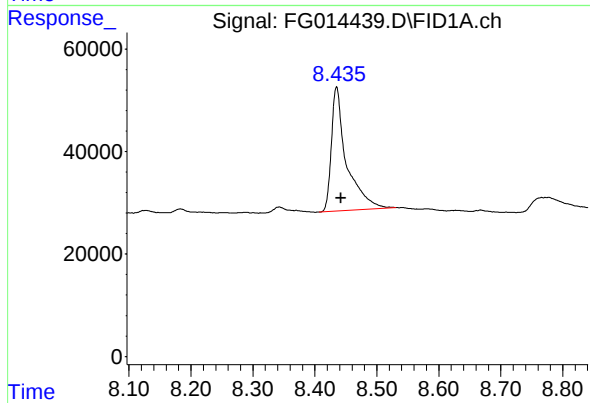
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.008 min
Response: 409327
Conc: 3.23 ug/ml



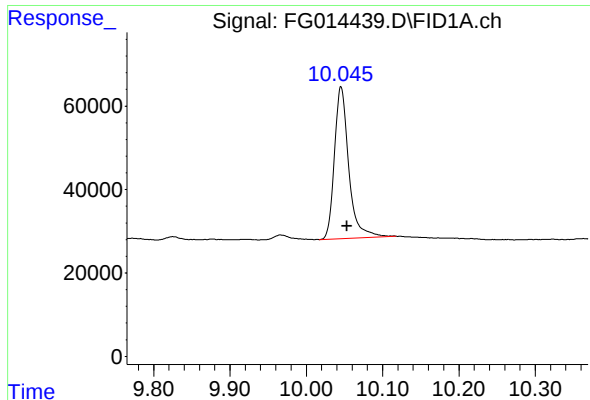
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.009 min
Response: 460742
Conc: 3.68 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.435 min
Delta R.T.: -0.007 min
Response: 410692
Conc: 3.45 ug/ml



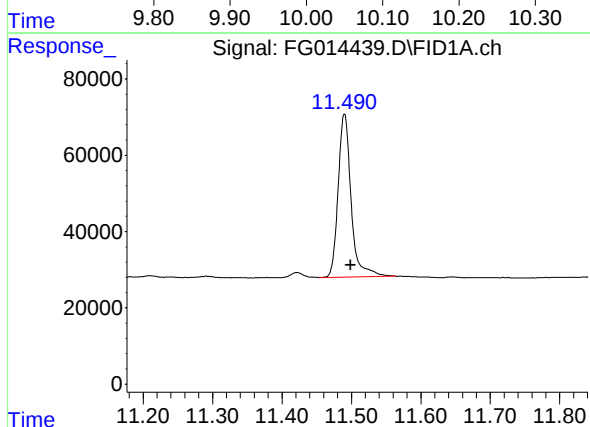
#7 n-Hexadecane (C16)

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 469578
Conc: 3.73 ug/ml

Instrument :
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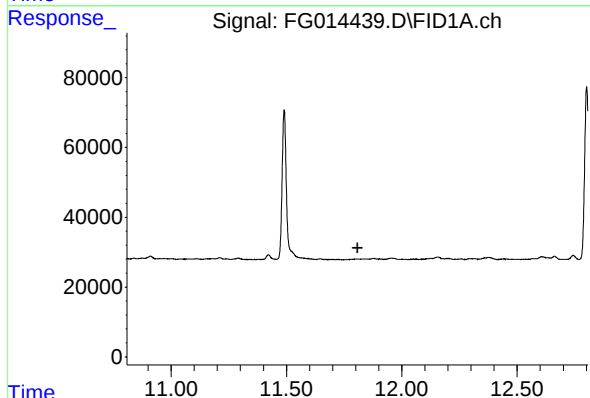
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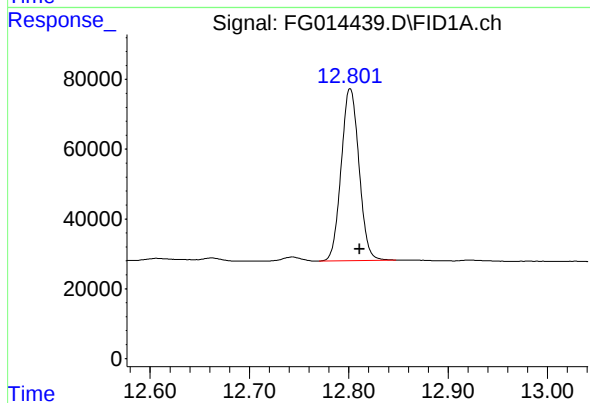
#8 n-Octadecane (C18)

R.T.: 11.490 min
Delta R.T.: -0.009 min
Response: 553627
Conc: 4.28 ug/ml



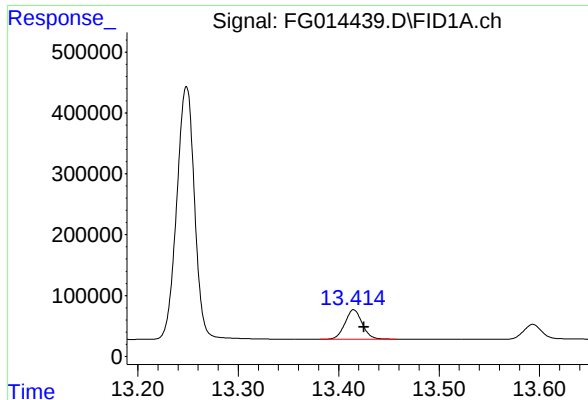
#9 ortho-Terphenyl (SURR)

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: 614686
Conc: 4.96 ug/ml



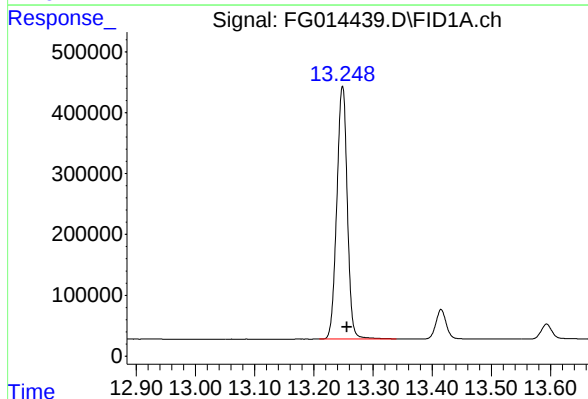
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.010 min
Response: 578944
Conc: 4.77 ug/ml

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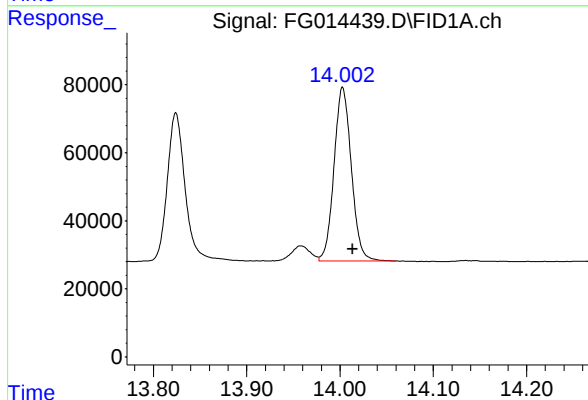
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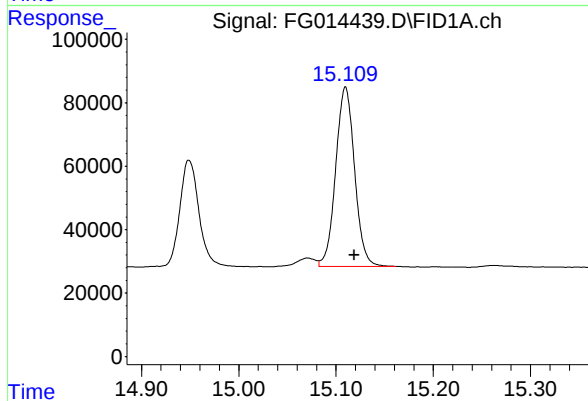
#12 1-chlorooctadecane (SURR)

R.T.: 13.249 min
Delta R.T.: -0.007 min
Response: 5123962
Conc: 51.71 ug/ml



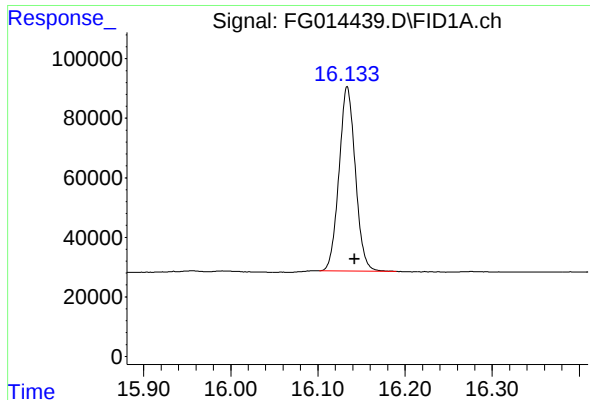
#13 n-Docosane (C22)

R.T.: 14.003 min
Delta R.T.: -0.011 min
Response: 658012
Conc: 5.47 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.009 min
Response: 764295
Conc: 6.35 ug/ml



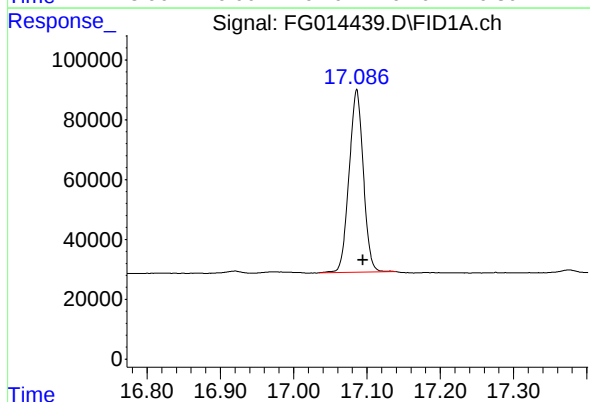
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.009 min
Response: 806370
Conc: 6.84 ug/ml

Instrument :
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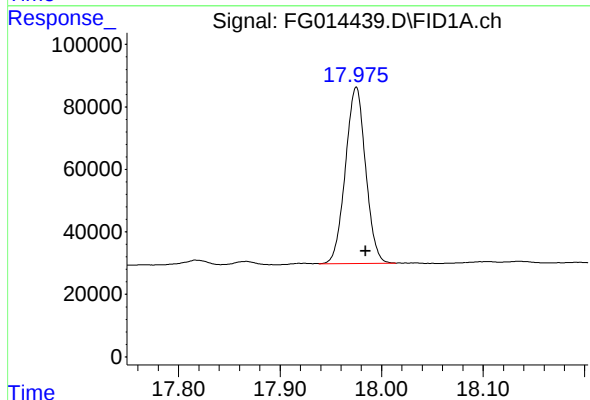
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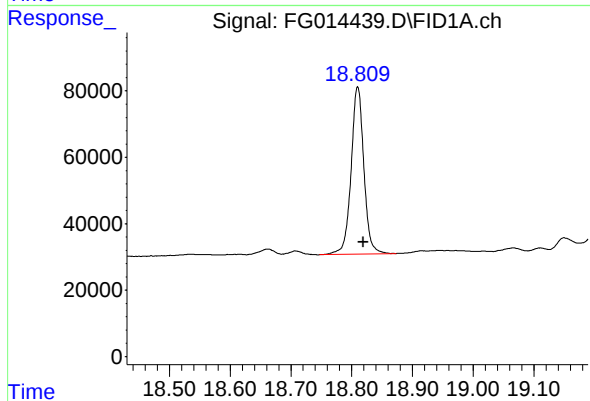
#16 n-Octacosane (C28)

R.T.: 17.086 min
Delta R.T.: -0.008 min
Response: 823076
Conc: 7.08 ug/ml



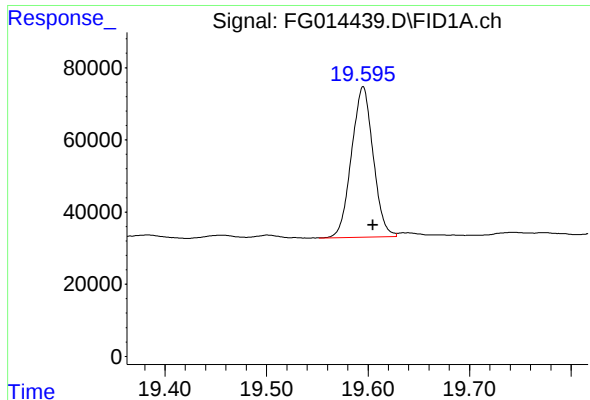
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.010 min
Response: 779877
Conc: 6.53 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.810 min
Delta R.T.: -0.009 min
Response: 735627
Conc: 6.37 ug/ml



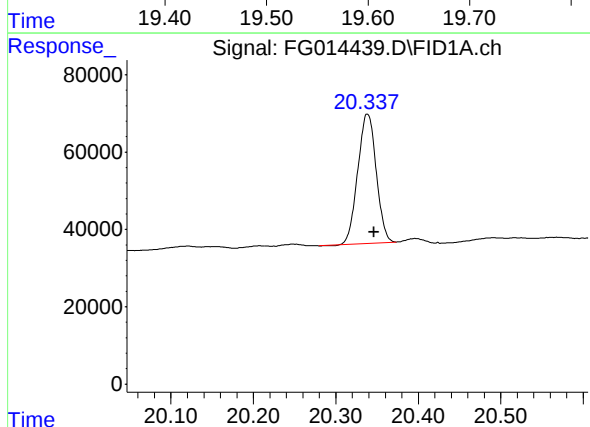
#19 n-Tetratriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.010 min
Response: 617180
Conc: 6.18 ug/ml

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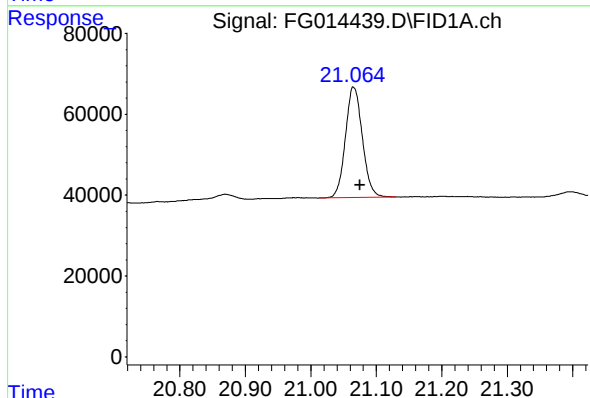
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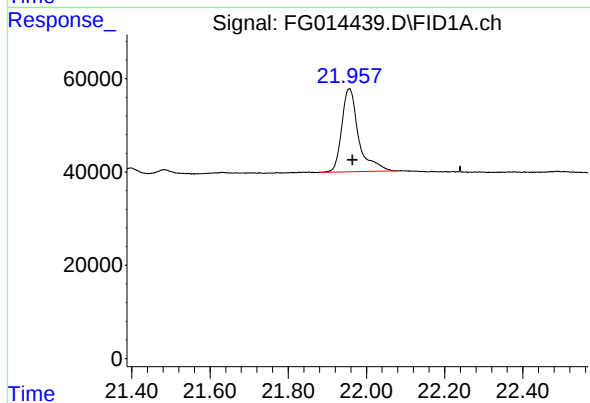
#20 n-Hexatriacontane (C36)

R.T.: 20.338 min
Delta R.T.: -0.008 min
Response: 519752
Conc: 5.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.065 min
Delta R.T.: -0.010 min
Response: 491006
Conc: 6.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.009 min
Response: 530703
Conc: 8.02 ug/ml