

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014448.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2024 10:07
 Operator : YP\AJ
 Sample : P4368-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:04:25 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...	13.247	5351330	54.005 ug/ml
Spiked Amount 50.000		Recovery =	108.01%
Target Compounds			
1) T n-Nonane (C9)	3.182	150233	1.205 ug/ml
2) T n-Decane (C10)	4.430	184100	1.453 ug/mlm
4) T n-Dodecane (C12)	6.600	216320	1.730 ug/ml
6) T n-Tetradecane (C14)	8.435	189762	1.594 ug/mlm
7) T n-Hexadecane (C16)	10.046	211402	1.679 ug/ml
8) T n-Octadecane (C18)	11.489	273100	2.114 ug/ml
10) T n-Eicosane (C20)	12.800	323892	2.613 ug/ml
11) T n-Heneicosane (C21)	13.413	298414	2.457 ug/ml
13) T n-Docosane (C22)	14.002	382122	3.174 ug/ml
14) T n-Tetracosane (C24)	15.108	525807	4.366 ug/ml
15) T n-Hexacosane (C26)	16.131	574176	4.870 ug/ml
16) T n-Octacosane (C28)	17.083	638373	5.490 ug/ml
17) T n-Tricontane (C30)	17.974	594995	4.980 ug/mlm
18) T n-Dotriacontane (C32)	18.808	584615	5.064 ug/ml
19) T n-Tetratriacontane (C34)	19.595	411482	4.117 ug/mlm
20) T n-Hexatriacontane (C36)	20.336	334651	3.852 ug/mlm
21) T n-Octatriacontane (C38)	21.066	278162	3.661 ug/ml
22) T n-Tetracontane (C40)	21.952	357530	5.401 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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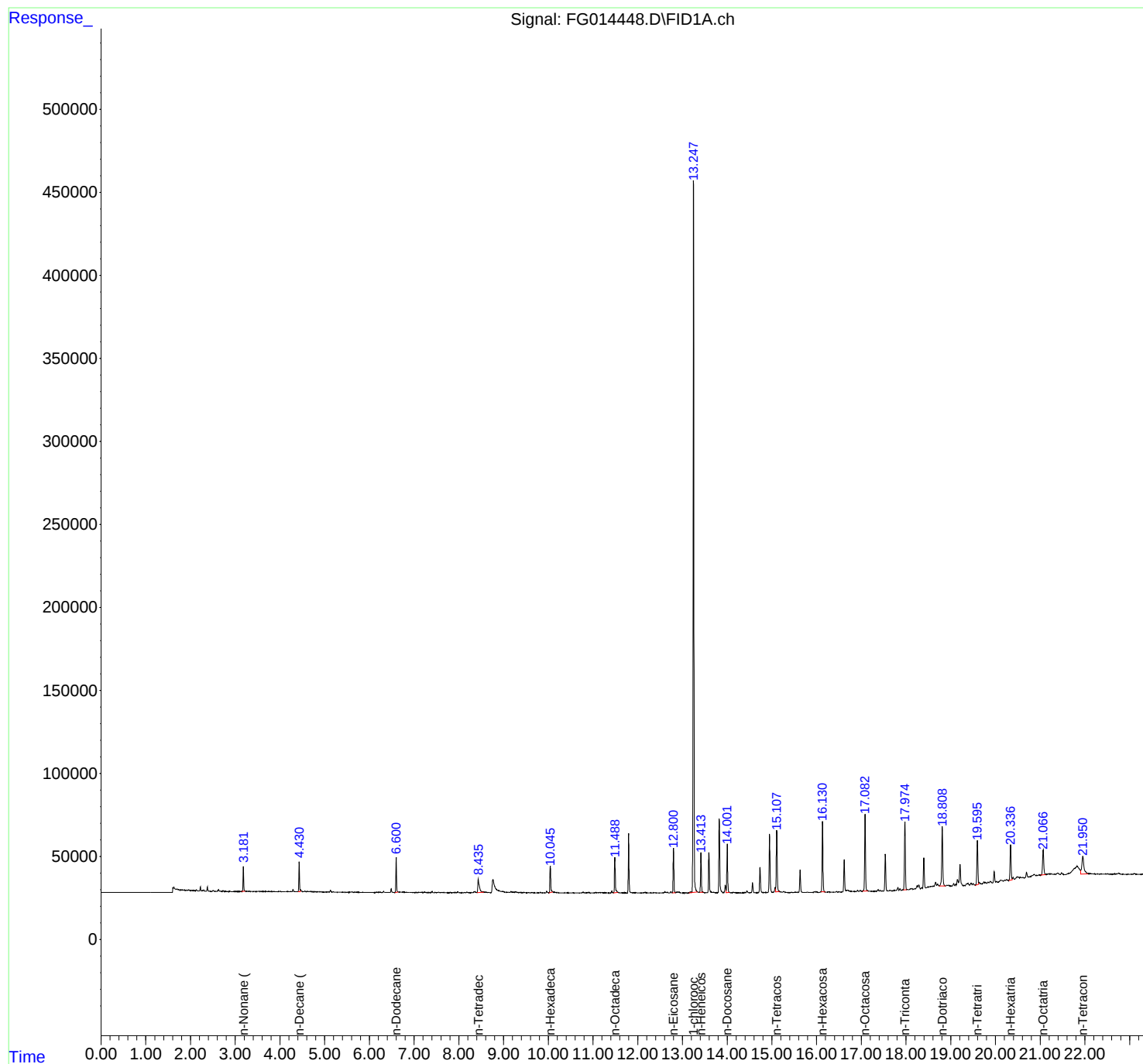
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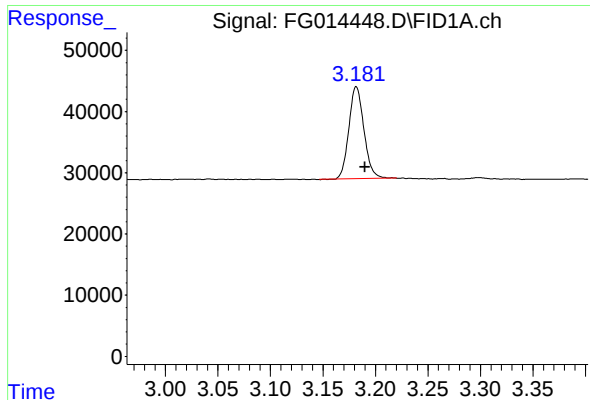
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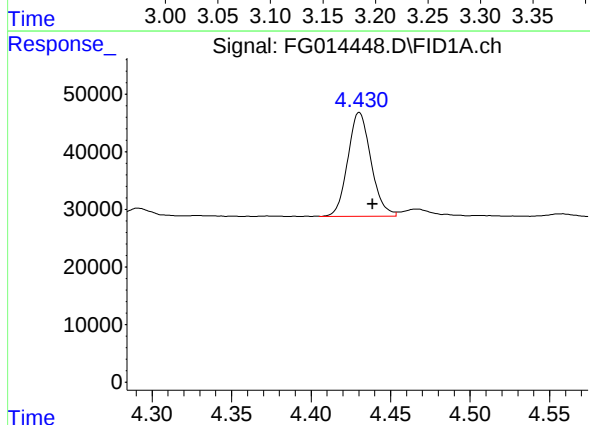
#1 n-Nonane (C9)

R.T.: 3.182 min
Delta R.T.: -0.008 min
Response: 150233
Conc: 1.20 ug/ml

Instrument :
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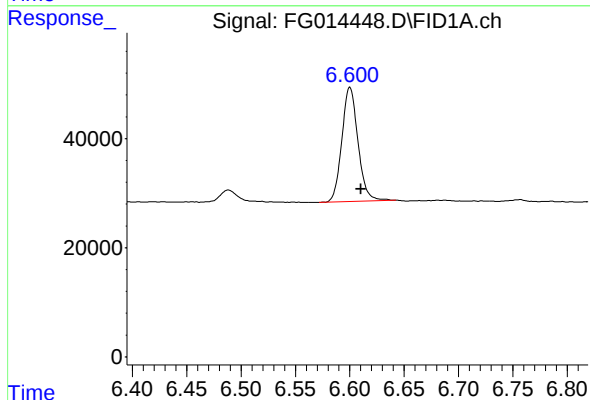
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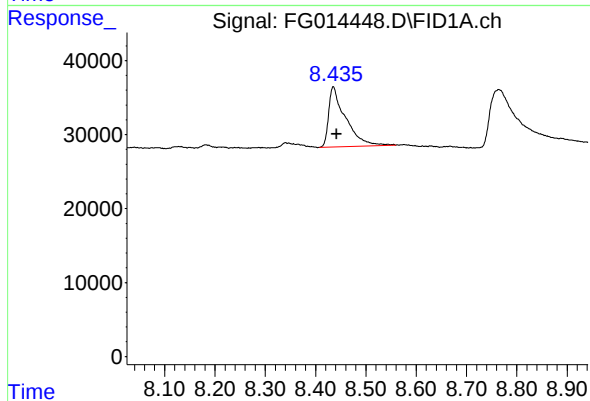
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.009 min
Response: 184100
Conc: 1.45 ug/ml m



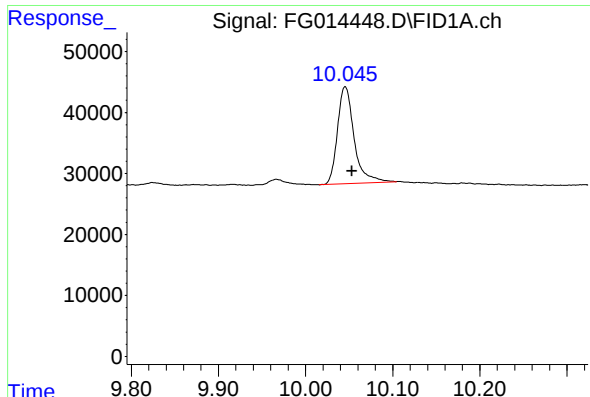
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: -0.010 min
Response: 216320
Conc: 1.73 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.435 min
Delta R.T.: -0.007 min
Response: 189762
Conc: 1.59 ug/ml m



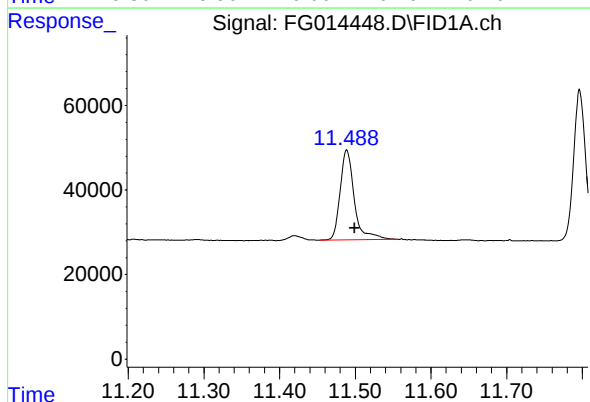
#7 n-Hexadecane (C16)

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 211402
Conc: 1.68 ug/ml

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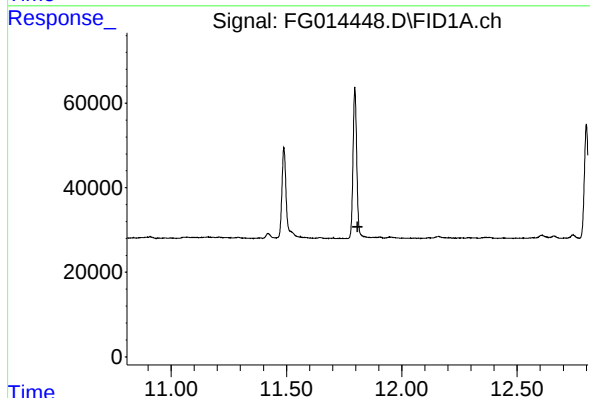
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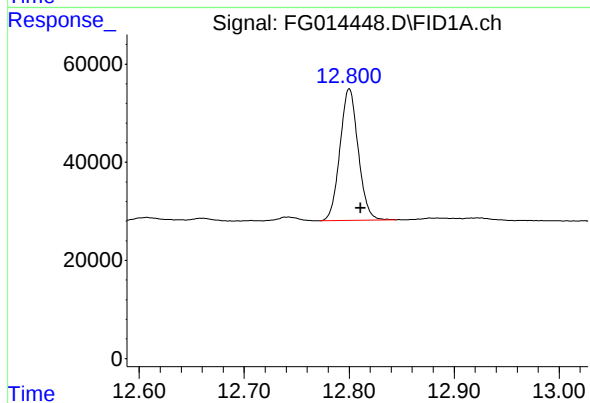
#8 n-Octadecane (C18)

R.T.: 11.489 min
Delta R.T.: -0.010 min
Response: 273100
Conc: 2.11 ug/ml



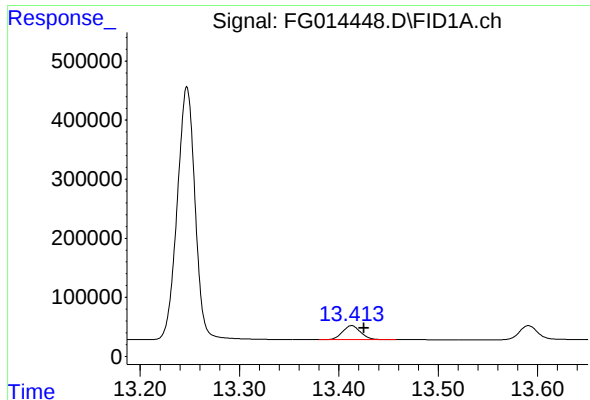
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.800 min
Delta R.T.: -0.011 min
Response: 323892
Conc: 2.61 ug/ml



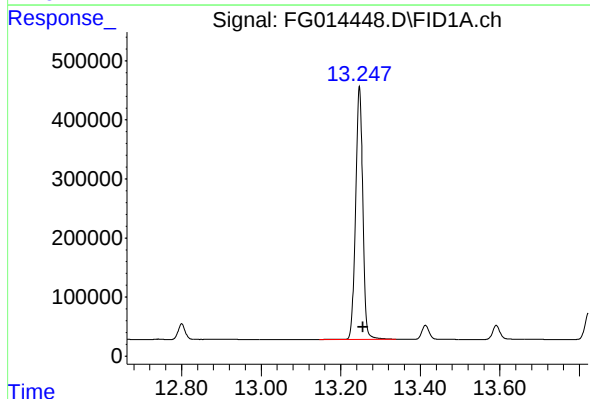
#11 n-Heneicosane (C21)

R.T.: 13.413 min
Delta R.T.: -0.012 min
Response: 298414
Conc: 2.46 ug/ml

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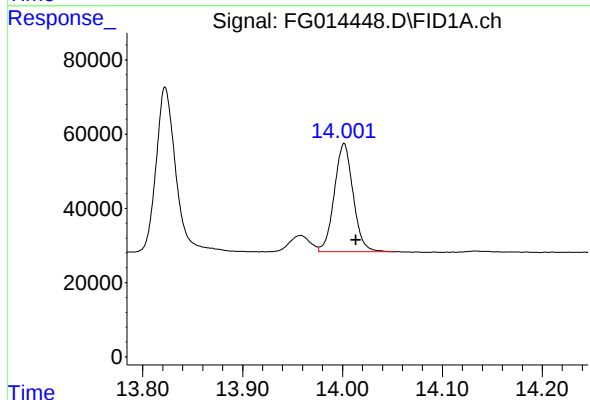
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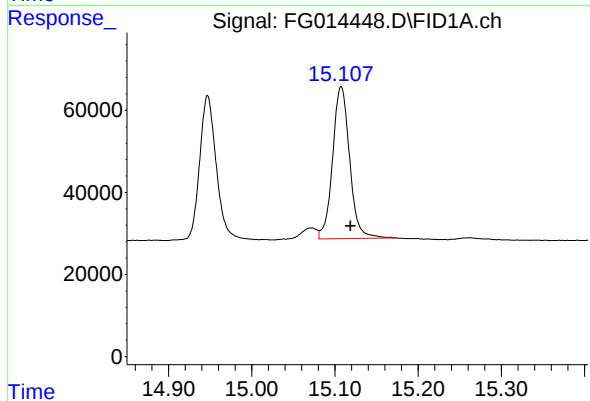
#12 1-chlorooctadecane (SURR)

R.T.: 13.247 min
Delta R.T.: -0.009 min
Response: 5351330
Conc: 54.01 ug/ml



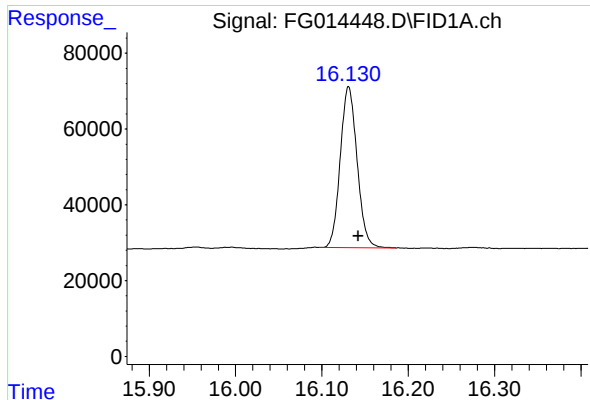
#13 n-Docosane (C22)

R.T.: 14.002 min
Delta R.T.: -0.012 min
Response: 382122
Conc: 3.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: -0.011 min
Response: 525807
Conc: 4.37 ug/ml



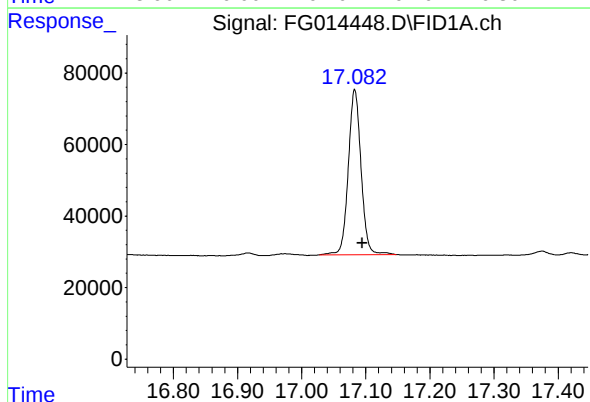
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.011 min
Response: 574176
Conc: 4.87 ug/ml

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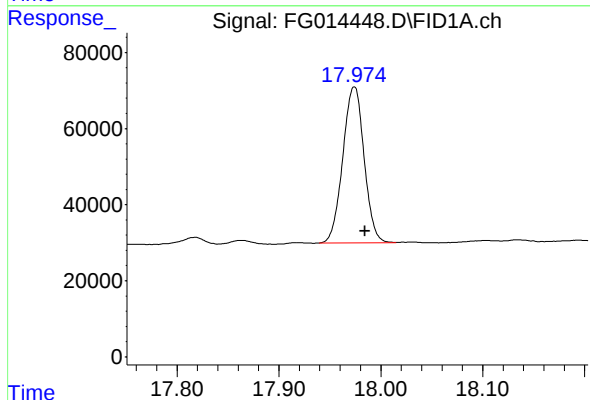
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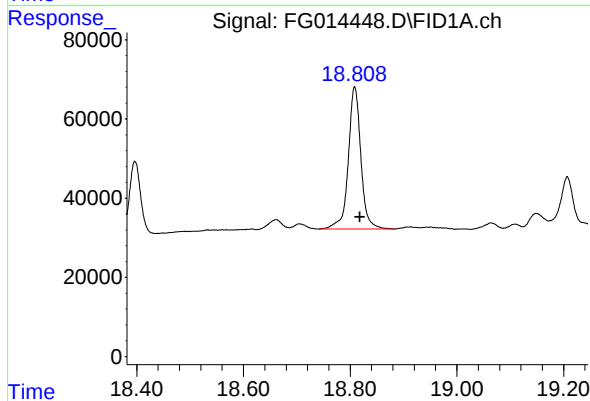
#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.012 min
Response: 638373
Conc: 5.49 ug/ml



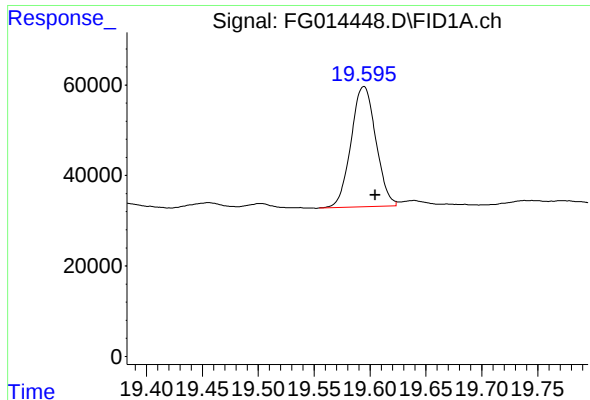
#17 n-Tricontane (C30)

R.T.: 17.974 min
Delta R.T.: -0.011 min
Response: 594995
Conc: 4.98 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.808 min
Delta R.T.: -0.010 min
Response: 584615
Conc: 5.06 ug/ml



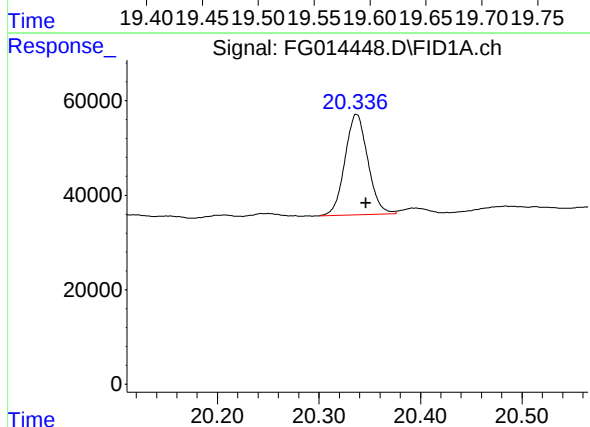
#19 n-Tetratriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.010 min
Response: 411482
Conc: 4.12 ug/ml

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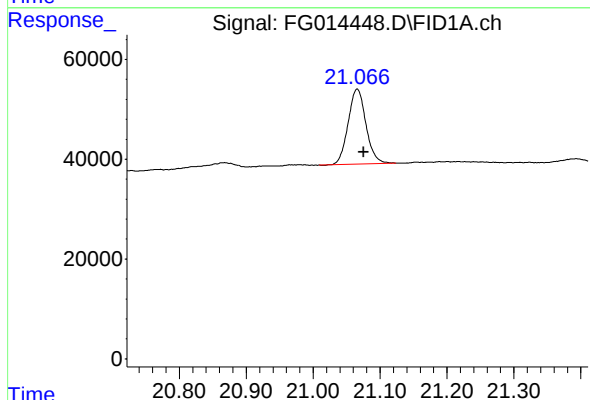
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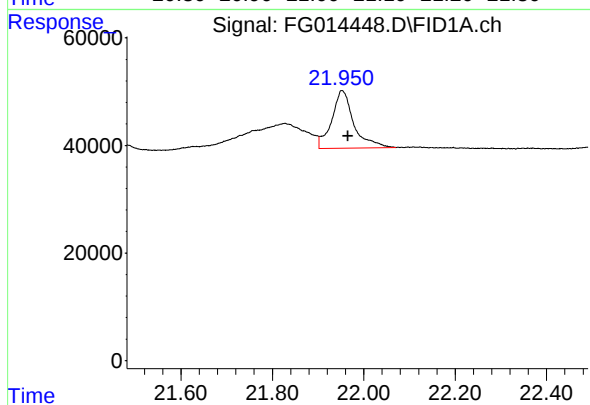
#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.011 min
Response: 334651
Conc: 3.85 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: -0.009 min
Response: 278162
Conc: 3.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.013 min
Response: 357530
Conc: 5.40 ug/ml