

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014442.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 20:21
 Operator : YP\AJ
 Sample : P4368-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-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 02:37:59 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	5643341	56.952 ug/ml
Spiked Amount 50.000		Recovery =	113.90%
Target Compounds			
1) T n-Nonane (C9)	3.183	332632	2.667 ug/ml
2) T n-Decane (C10)	4.430	404142	3.189 ug/mlm
4) T n-Dodecane (C12)	6.601	470454	3.761 ug/ml
6) T n-Tetradecane (C14)	8.434	423739	3.559 ug/ml
7) T n-Hexadecane (C16)	10.045	473647	3.762 ug/ml
8) T n-Octadecane (C18)	11.490	570185	4.413 ug/ml
10) T n-Eicosane (C20)	12.801	646214	5.213 ug/ml
11) T n-Heneicosane (C21)	13.415	626362	5.156 ug/ml
13) T n-Docosane (C22)	14.006	635293	5.277 ug/mlm
14) T n-Tetracosane (C24)	15.112	673555	5.593 ug/ml
15) T n-Hexacosane (C26)	16.135	626667	5.316 ug/ml
16) T n-Octacosane (C28)	17.087	649348	5.584 ug/ml
17) T n-Tricontane (C30)	17.976	644762	5.397 ug/ml
18) T n-Dotriacontane (C32)	18.810	645838	5.595 ug/ml
19) T n-Tetratriacontane (C34)	19.594	606273	6.067 ug/ml
20) T n-Hexatriacontane (C36)	20.337	541736	6.235 ug/ml
21) T n-Octatriacontane (C38)	21.066	530200	6.978 ug/ml
22) T n-Tetracontane (C40)	21.956	514099	7.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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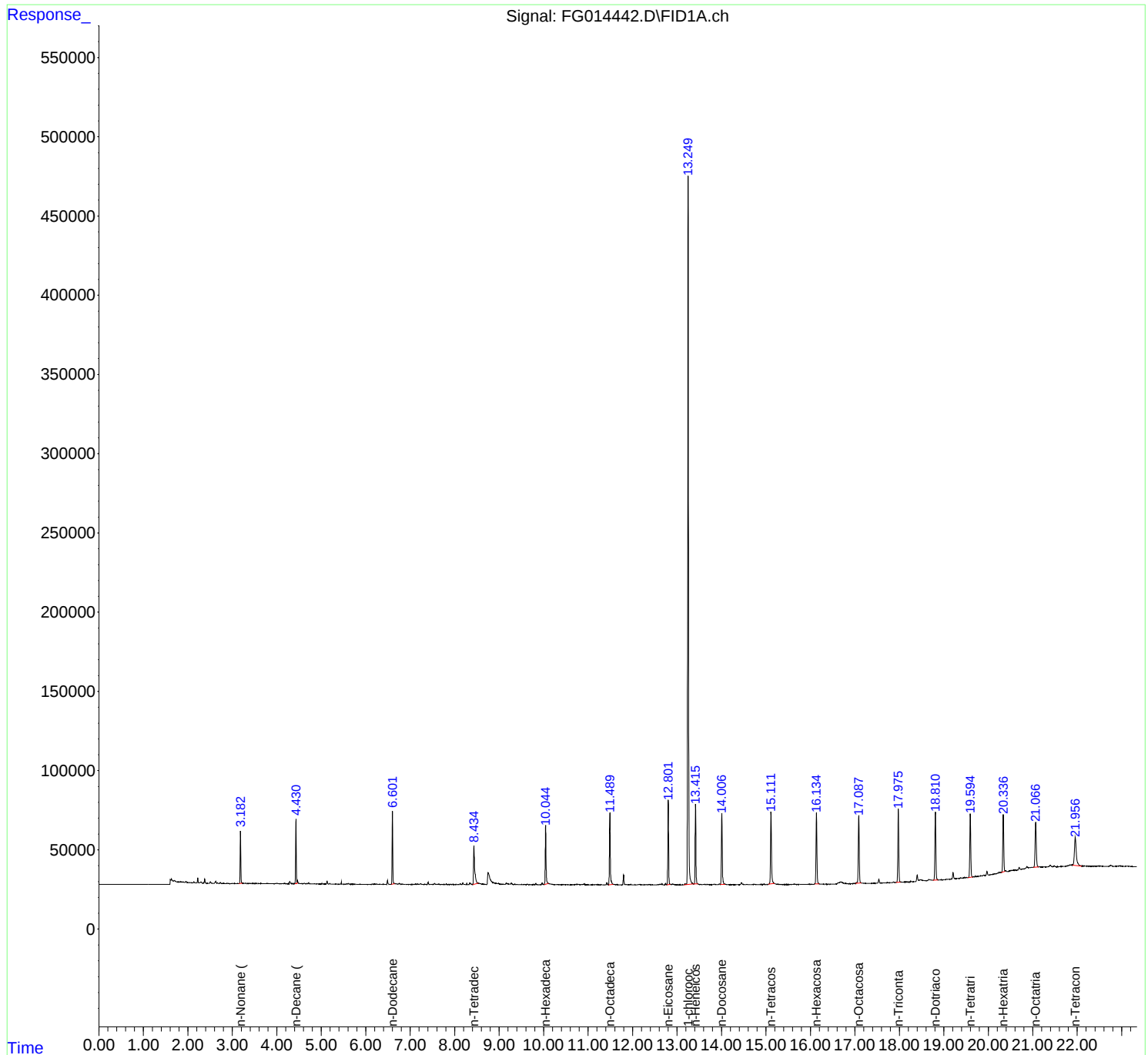
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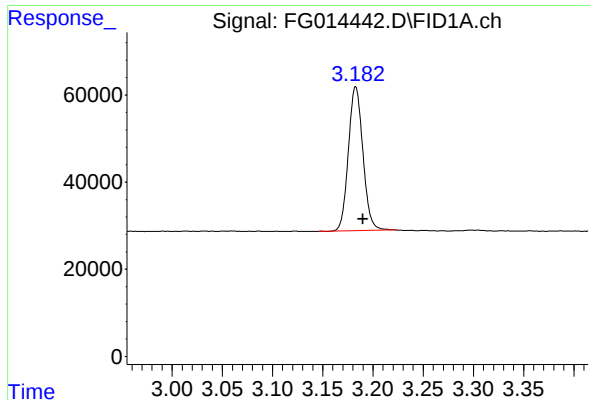
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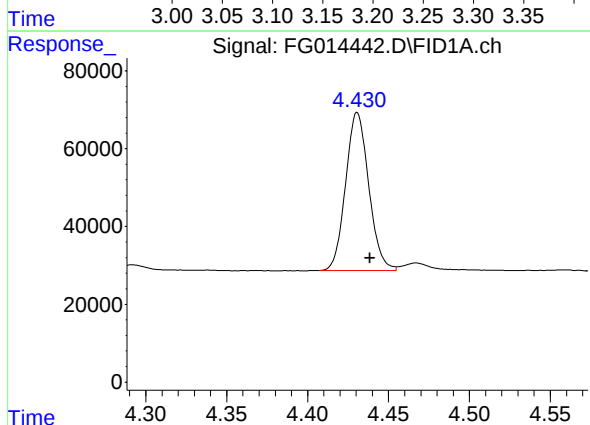
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.007 min
Response: 332632
Conc: 2.67 ug/ml

Instrument :
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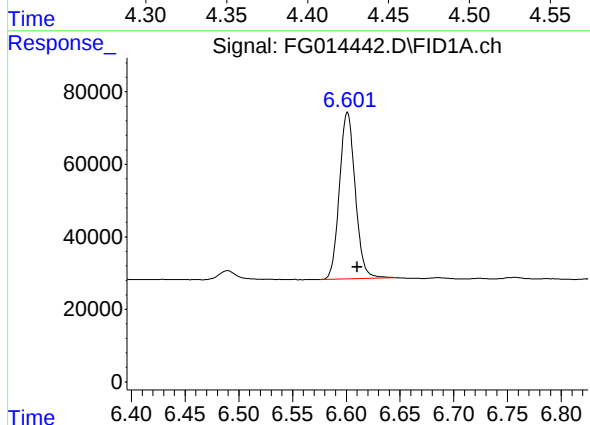
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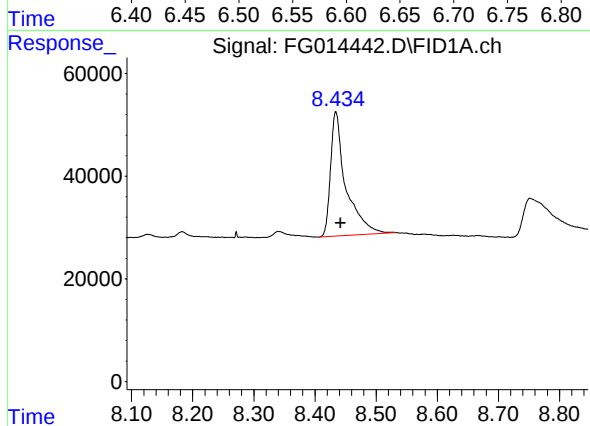
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.008 min
Response: 404142
Conc: 3.19 ug/ml m



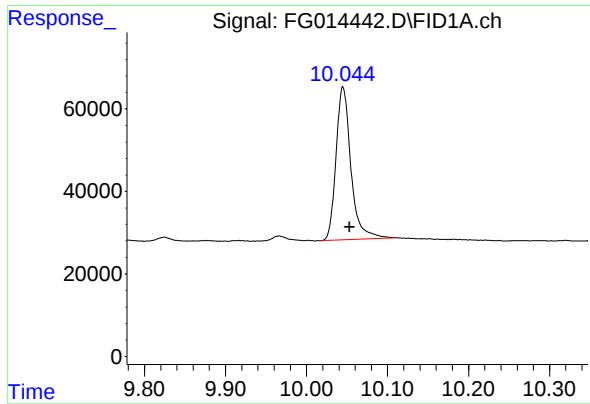
#4 n-Dodecane (C12)

R.T.: 6.601 min
Delta R.T.: -0.009 min
Response: 470454
Conc: 3.76 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: -0.008 min
Response: 423739
Conc: 3.56 ug/ml



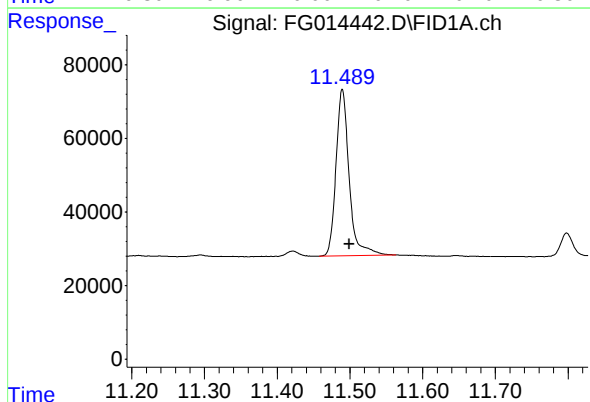
#7 n-Hexadecane (C16)

R.T.: 10.045 min
Delta R.T.: -0.008 min
Response: 473647
Conc: 3.76 ug/ml

Instrument : FID_G
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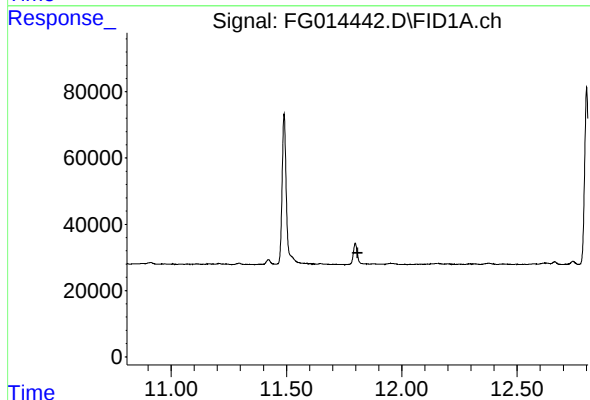
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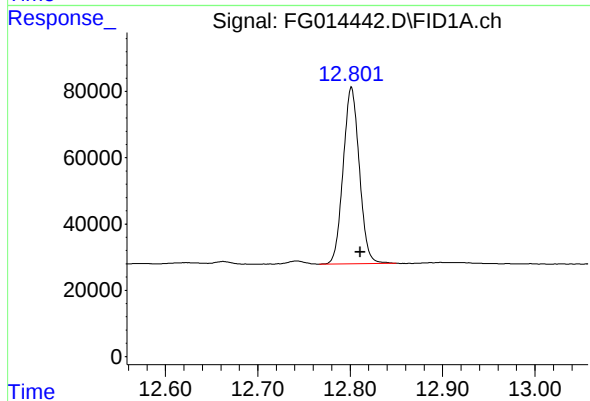
#8 n-Octadecane (C18)

R.T.: 11.490 min
Delta R.T.: -0.010 min
Response: 570185
Conc: 4.41 ug/ml



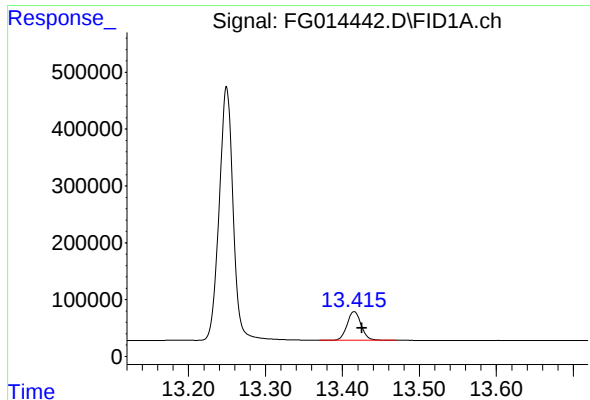
#9 ortho-Terphenyl (SURR)

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: 646214
Conc: 5.21 ug/ml



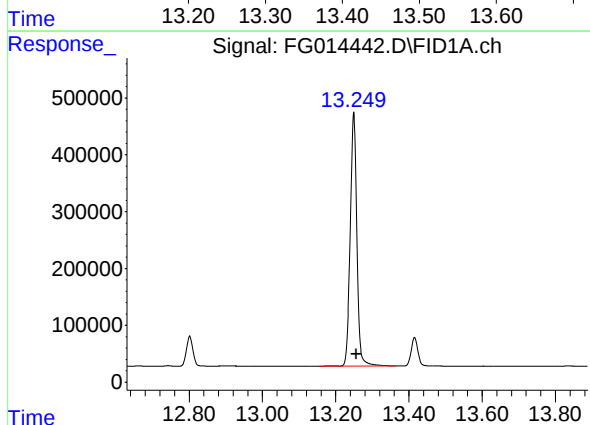
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.010 min
Response: 626362
Conc: 5.16 ug/ml

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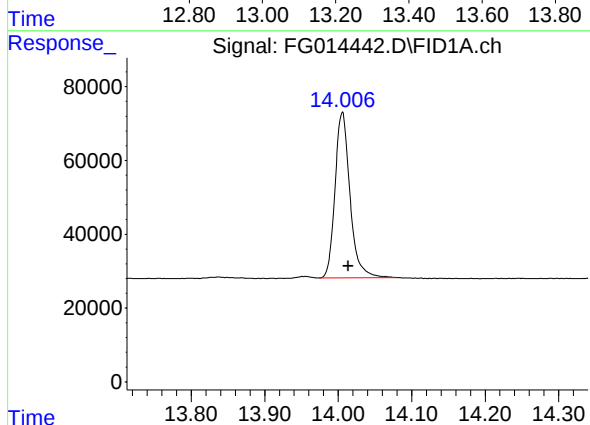
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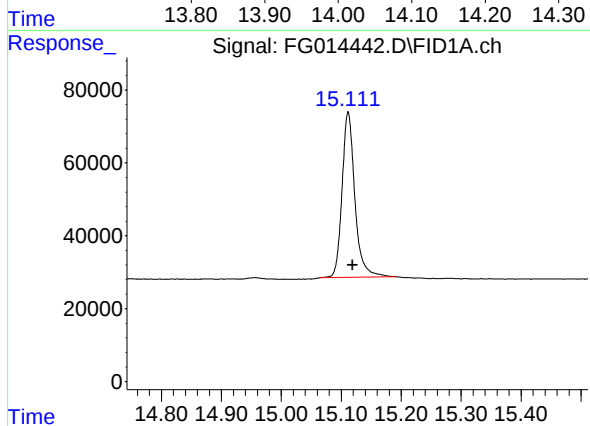
#12 1-chlorooctadecane (SURR)

R.T.: 13.249 min
Delta R.T.: -0.006 min
Response: 5643341
Conc: 56.95 ug/ml



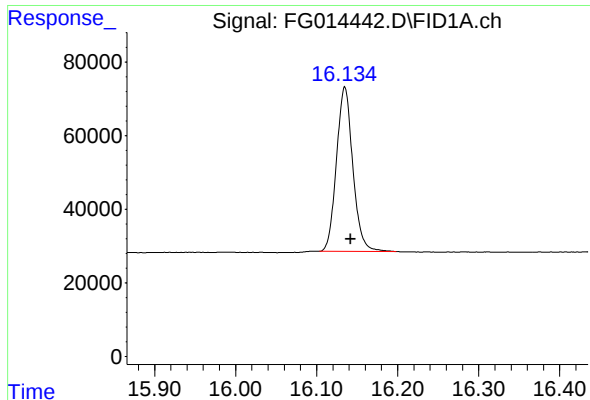
#13 n-Docosane (C22)

R.T.: 14.006 min
Delta R.T.: -0.008 min
Response: 635293
Conc: 5.28 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.007 min
Response: 673555
Conc: 5.59 ug/ml



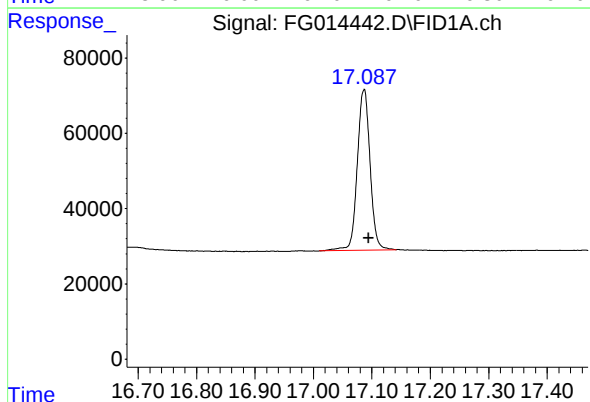
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: -0.007 min
Response: 626667
Conc: 5.32 ug/ml

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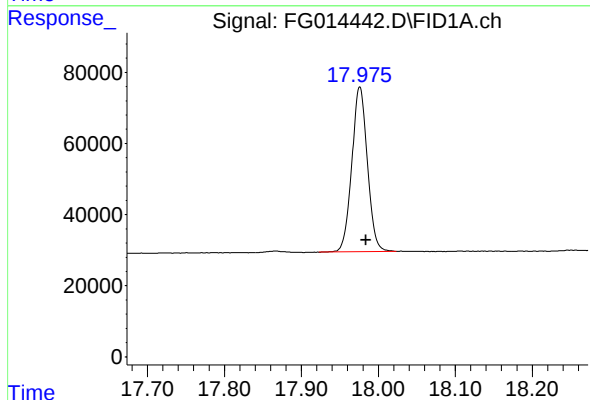
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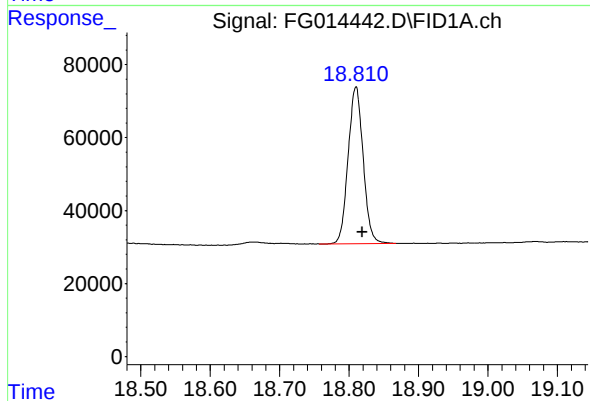
#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.008 min
Response: 649348
Conc: 5.58 ug/ml



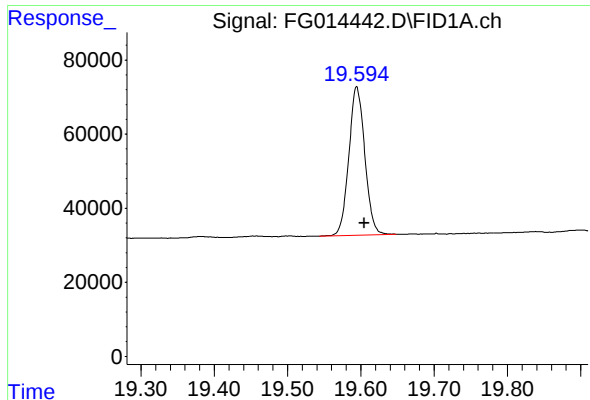
#17 n-Tricontane (C30)

R.T.: 17.976 min
Delta R.T.: -0.009 min
Response: 644762
Conc: 5.40 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.810 min
Delta R.T.: -0.009 min
Response: 645838
Conc: 5.59 ug/ml



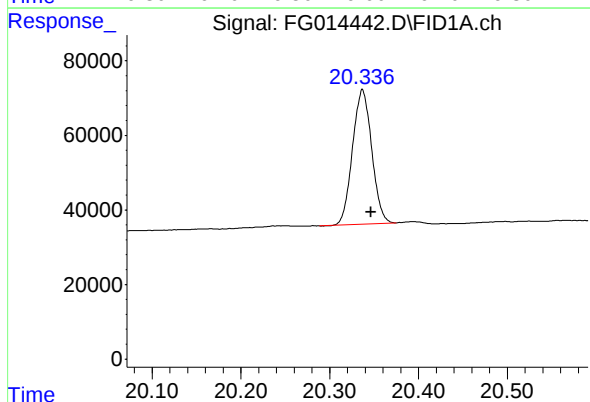
#19 n-Tetratriacontane (C34)

R.T.: 19.594 min
Delta R.T.: -0.011 min
Response: 606273
Conc: 6.07 ug/ml

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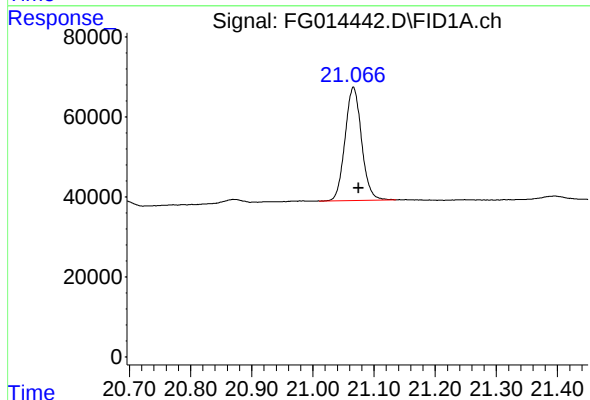
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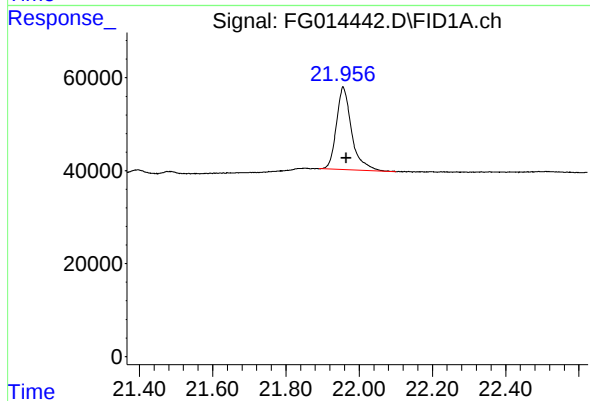
#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.010 min
Response: 541736
Conc: 6.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: -0.009 min
Response: 530200
Conc: 6.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.009 min
Response: 514099
Conc: 7.77 ug/ml