

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014447.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2024 09:38
 Operator : YP\AJ
 Sample : P4368-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-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 02:04:14 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...	13.248	4840537	48.850 ug/ml
Spiked Amount 50.000		Recovery =	97.70%
Target Compounds			
1) T n-Nonane (C9)	3.182	175095	1.404 ug/ml
2) T n-Decane (C10)	4.430	216204	1.706 ug/mlm
4) T n-Dodecane (C12)	6.601	252526	2.019 ug/ml
6) T n-Tetradecane (C14)	8.435	206345	1.733 ug/ml
7) T n-Hexadecane (C16)	10.046	241949	1.922 ug/ml
8) T n-Octadecane (C18)	11.489	289935	2.244 ug/ml
10) T n-Eicosane (C20)	12.801	317710	2.563 ug/ml
11) T n-Heneicosane (C21)	13.415	298902	2.461 ug/ml
13) T n-Docosane (C22)	14.007	300957	2.500 ug/ml
14) T n-Tetracosane (C24)	15.115	318745	2.647 ug/mlm
15) T n-Hexacosane (C26)	16.138	301479	2.557 ug/ml
16) T n-Octacosane (C28)	17.089	316186	2.719 ug/ml
17) T n-Tricontane (C30)	17.979	360629	3.019 ug/ml
18) T n-Dotriacontane (C32)	18.812	374018	3.240 ug/ml
19) T n-Tetratriacontane (C34)	19.597	336424	3.366 ug/ml
20) T n-Hexatriacontane (C36)	20.340	288678	3.323 ug/mlm
21) T n-Octatriacontane (C38)	21.070	266768	3.511 ug/ml
22) T n-Tetracontane (C40)	21.960	669039	10.106 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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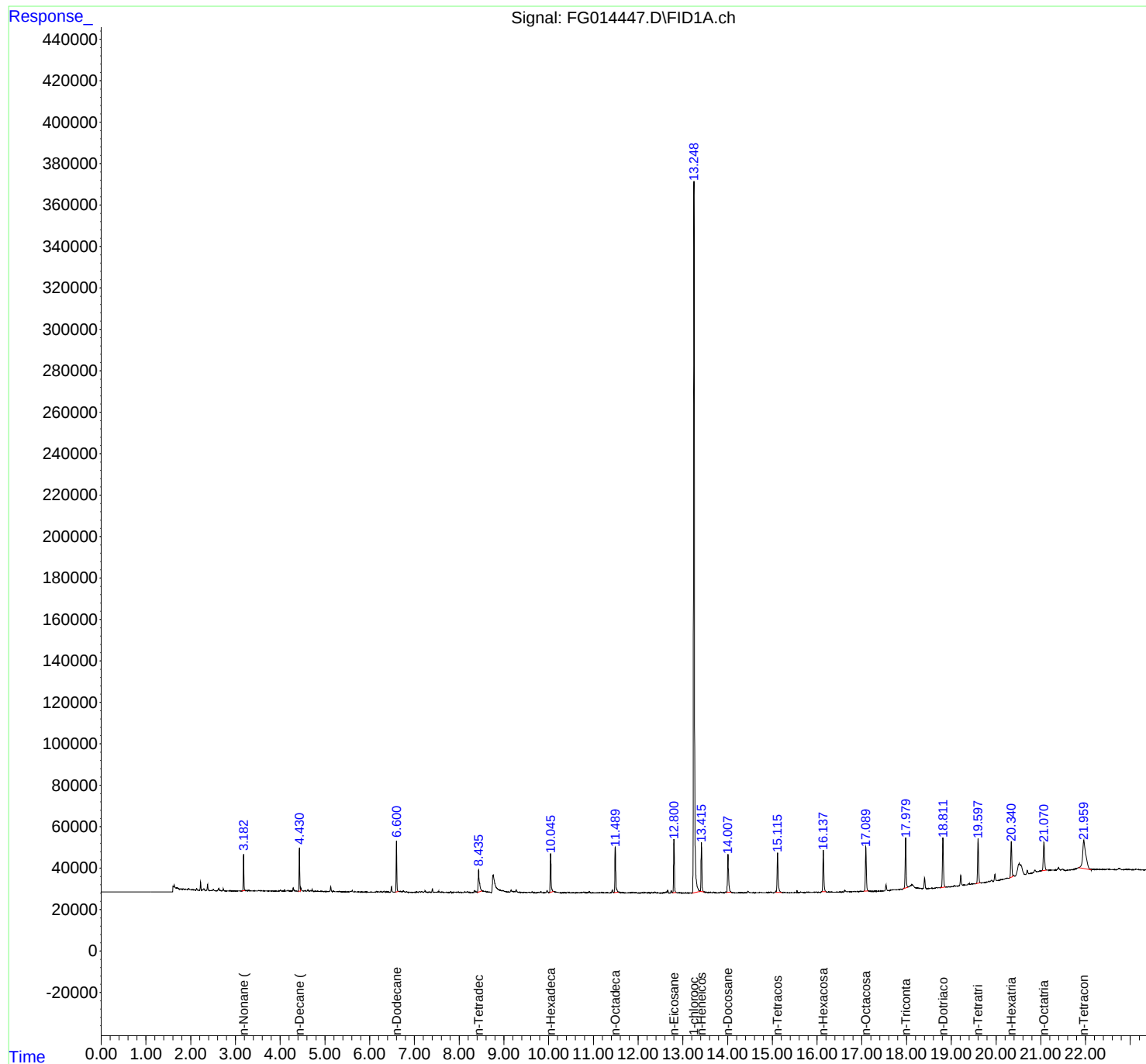
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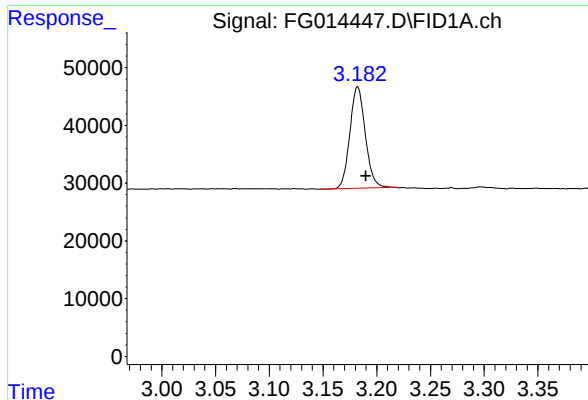
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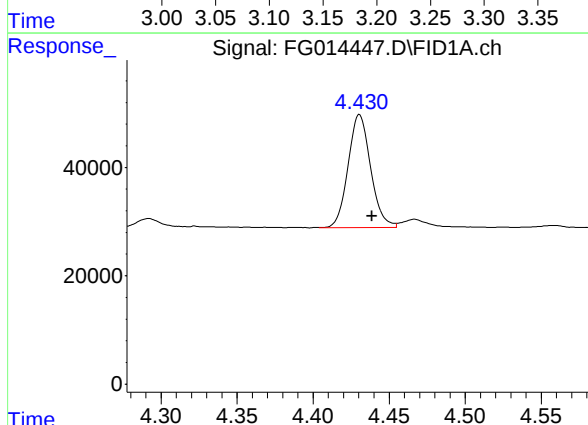
#1 n-Nonane (C9)

R.T.: 3.182 min
Delta R.T.: -0.008 min
Response: 175095
Conc: 1.40 ug/ml

Instrument :
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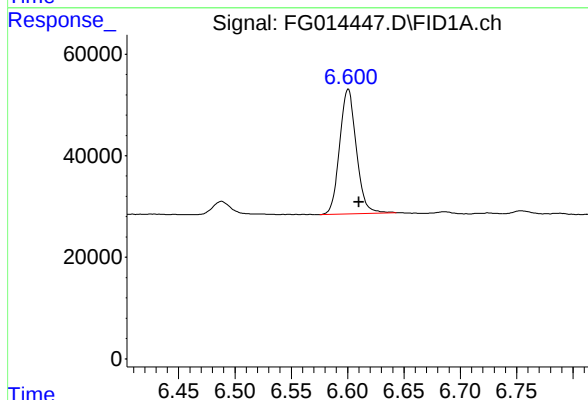
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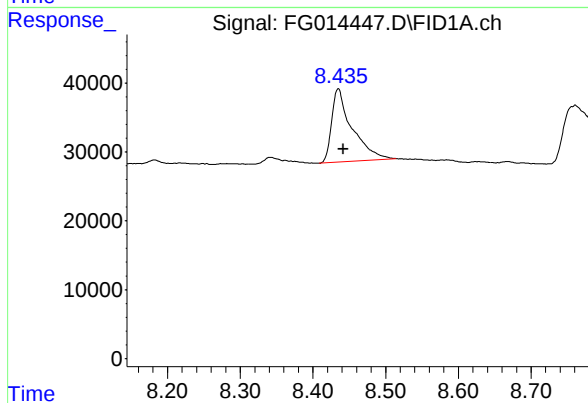
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.009 min
Response: 216204
Conc: 1.71 ug/ml m



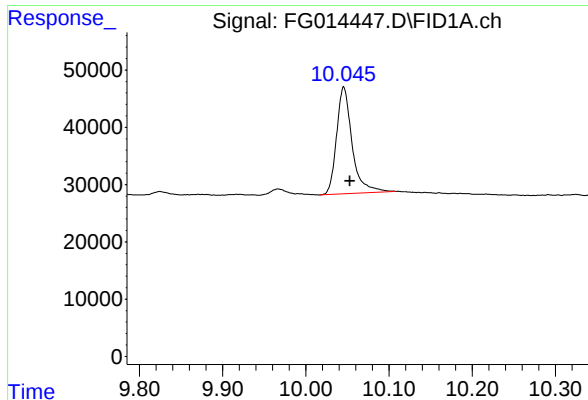
#4 n-Dodecane (C12)

R.T.: 6.601 min
Delta R.T.: -0.010 min
Response: 252526
Conc: 2.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.435 min
Delta R.T.: -0.007 min
Response: 206345
Conc: 1.73 ug/ml



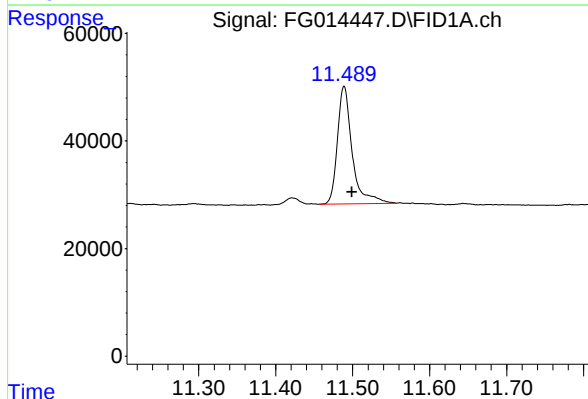
#7 n-Hexadecane (C16)

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 241949
Conc: 1.92 ug/ml

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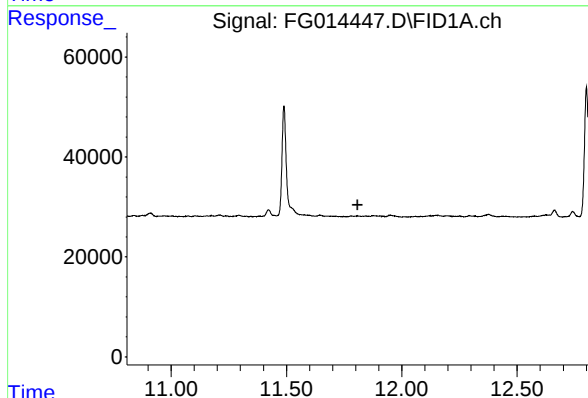
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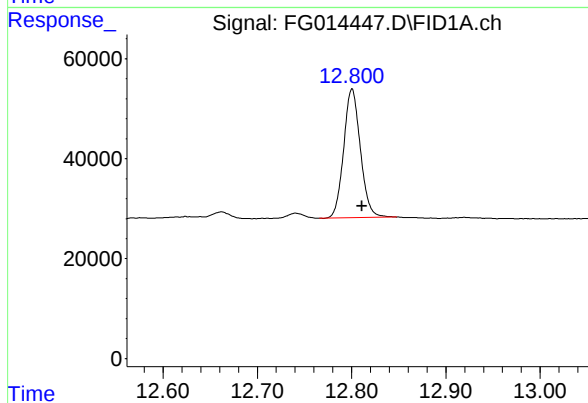
#8 n-Octadecane (C18)

R.T.: 11.489 min
Delta R.T.: -0.010 min
Response: 289935
Conc: 2.24 ug/ml



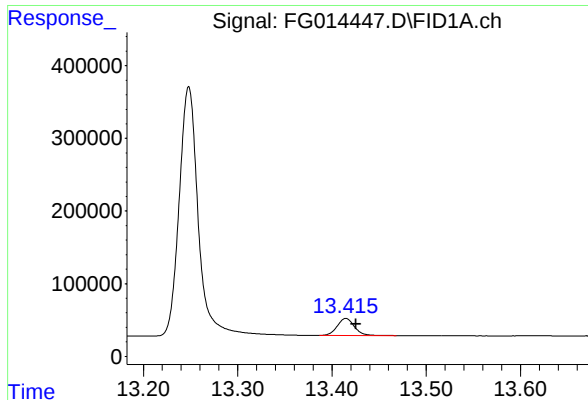
#9 ortho-Terphenyl (SURR)

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.: -0.011 min
Response: 317710
Conc: 2.56 ug/ml



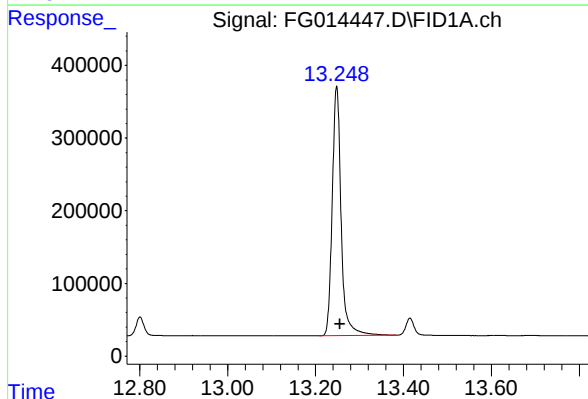
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.010 min
Response: 298902
Conc: 2.46 ug/ml

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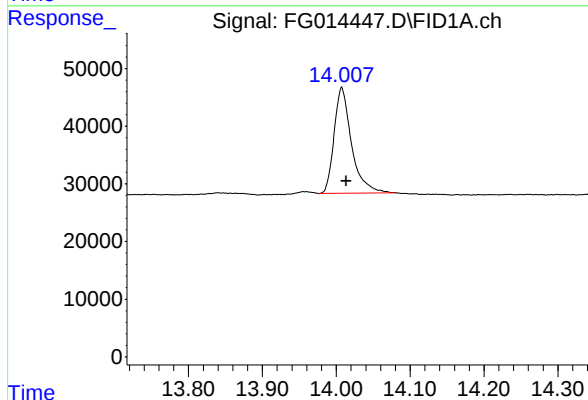
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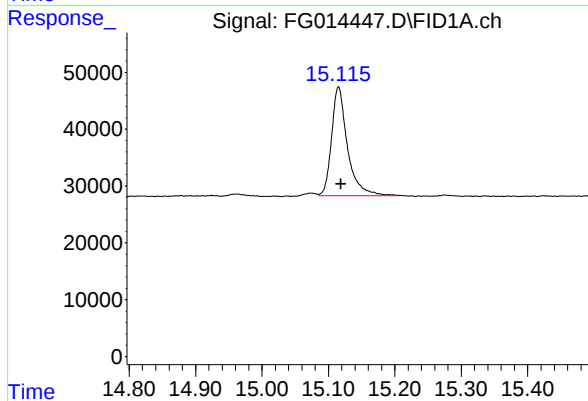
#12 1-chlorooctadecane (SURR)

R.T.: 13.248 min
Delta R.T.: -0.008 min
Response: 4840537
Conc: 48.85 ug/ml



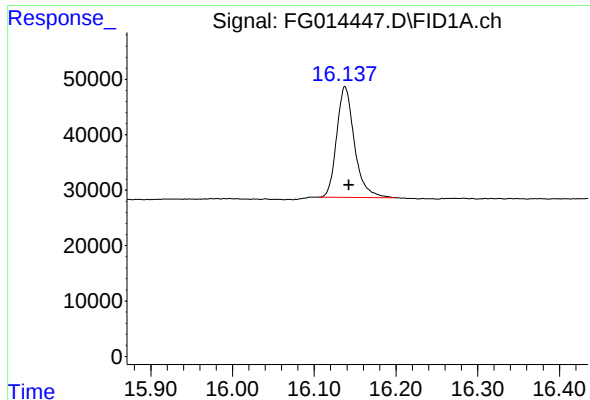
#13 n-Docosane (C22)

R.T.: 14.007 min
Delta R.T.: -0.006 min
Response: 300957
Conc: 2.50 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: -0.004 min
Response: 318745
Conc: 2.65 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.138 min
Delta R.T.: -0.005 min
Response: 301479
Conc: 2.56 ug/ml

Instrument :

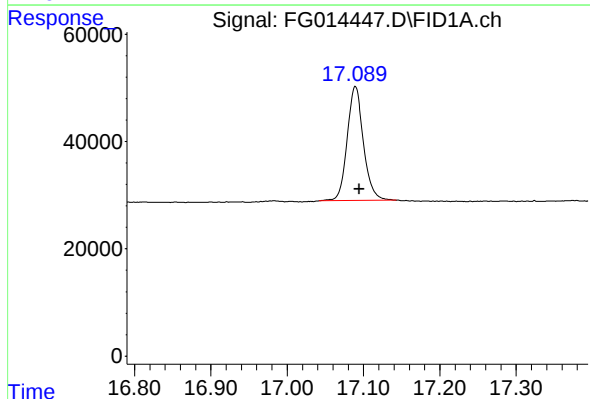
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ClientSampleId :

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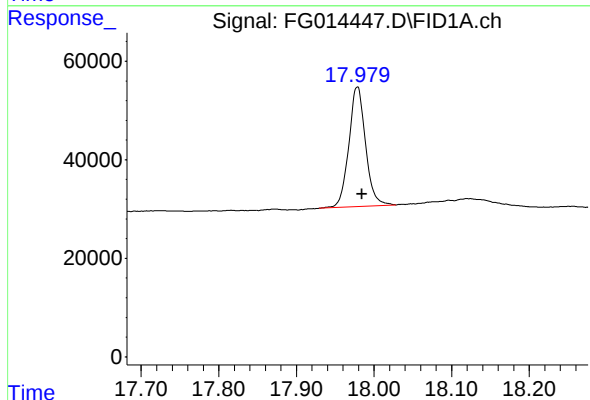
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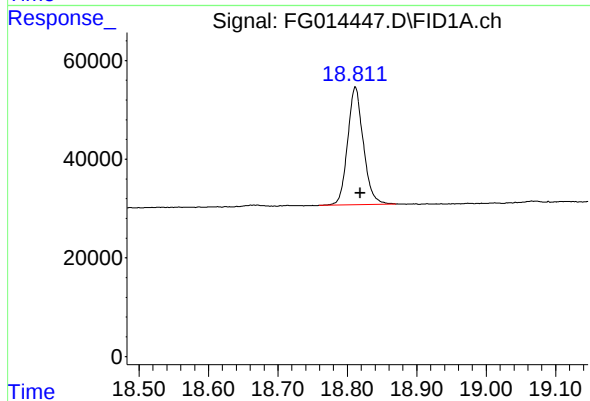
#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.005 min
Response: 316186
Conc: 2.72 ug/ml



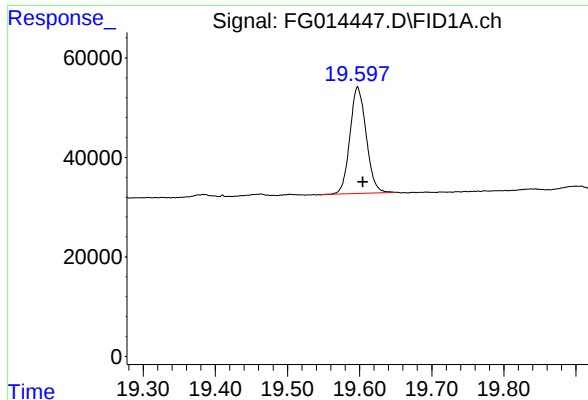
#17 n-Tricontane (C30)

R.T.: 17.979 min
Delta R.T.: -0.006 min
Response: 360629
Conc: 3.02 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.812 min
Delta R.T.: -0.007 min
Response: 374018
Conc: 3.24 ug/ml



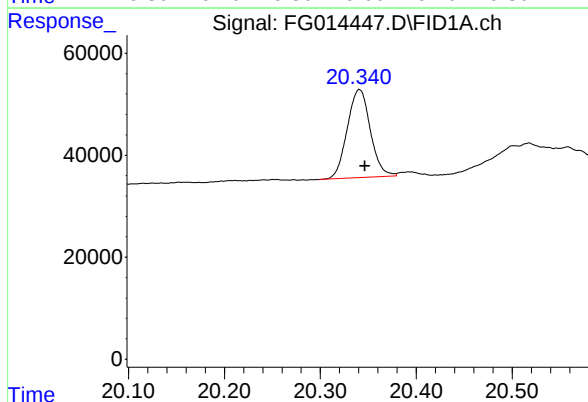
#19 n-Tetratriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.008 min
Response: 336424
Conc: 3.37 ug/ml

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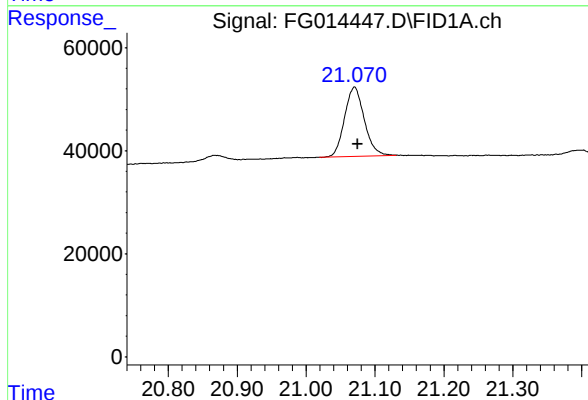
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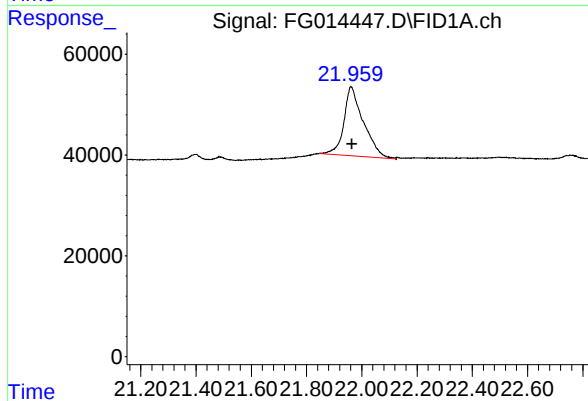
#20 n-Hexatriacontane (C36)

R.T.: 20.340 min
Delta R.T.: -0.006 min
Response: 288678
Conc: 3.32 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.005 min
Response: 266768
Conc: 3.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.005 min
Response: 669039
Conc: 10.11 ug/ml