

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093024AL\
 Data File : FG014359.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 19:46
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 01 09:25:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:21:52 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			
9) S ortho-Terphenyl (SURR)	11.807	1395362	10.201 ug/ml
Spiked Amount 50.000		Recovery =	20.40%
12) S 1-chlorooctadecane (S...	13.255	994730	10.048 ug/ml
Spiked Amount 50.000		Recovery =	20.10%
Target Compounds			
1) T n-Nonane (C9)	3.190	1267207	10.202 ug/ml
2) T n-Decane (C10)	4.438	1288563	10.210 ug/ml
3) T A~Naphthalene (C11.7)	6.139	1213008	9.790 ug/ml
4) T n-Dodecane (C12)	6.609	1261707	10.110 ug/ml
5) T A~2-methylnaphthalene...	7.238	1110597	10.275 ug/mlm
6) T n-Tetradecane (C14)	8.442	1194752	10.044 ug/ml
7) T n-Hexadecane (C16)	10.053	1269447	10.104 ug/ml
8) T n-Octadecane (C18)	11.498	1316280	10.235 ug/ml
10) T n-Eicosane (C20)	12.810	1259624	10.204 ug/ml
11) T n-Heneicosane (C21)	13.424	1231820	10.177 ug/ml
13) T n-Docosane (C22)	14.012	1217601	10.142 ug/ml
14) T n-Tetracosane (C24)	15.117	1208268	10.041 ug/ml
15) T n-Hexacosane (C26)	16.141	1185834	10.074 ug/ml
16) T n-Octacosane (C28)	17.094	1167742	10.053 ug/ml
17) T n-Tricontane (C30)	17.984	1209055	10.150 ug/ml
18) T n-Dotriacontane (C32)	18.818	1175291	10.227 ug/ml
19) T n-Tetratriacontane (C34)	19.605	1026611	10.343 ug/ml
20) T n-Hexatriacontane (C36)	20.345	880585	10.170 ug/mlm
21) T n-Octatriacontane (C38)	21.073	784933	10.417 ug/mlm
22) T n-Tetracontane (C40)	21.967	691641	10.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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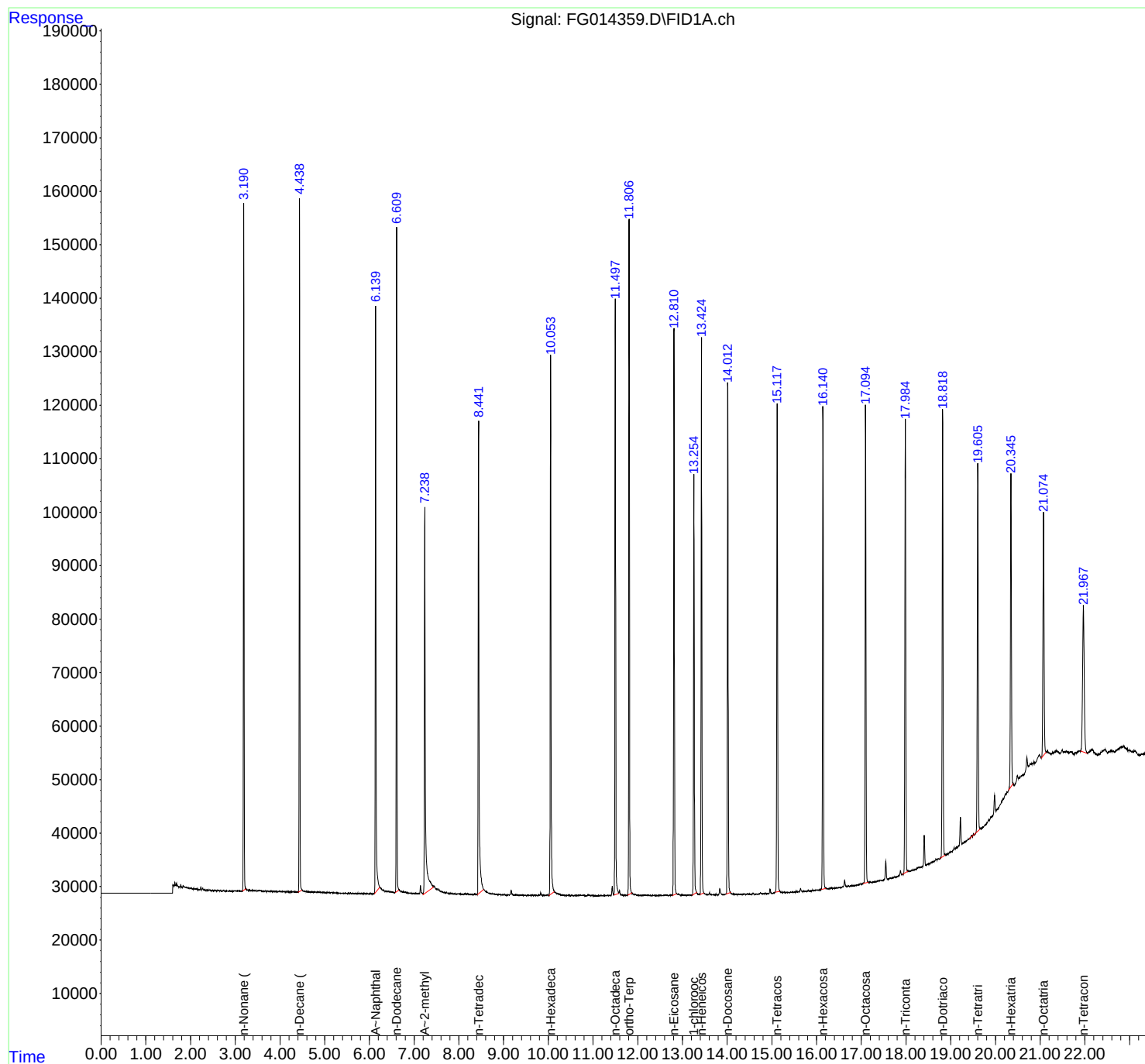
Instrument :
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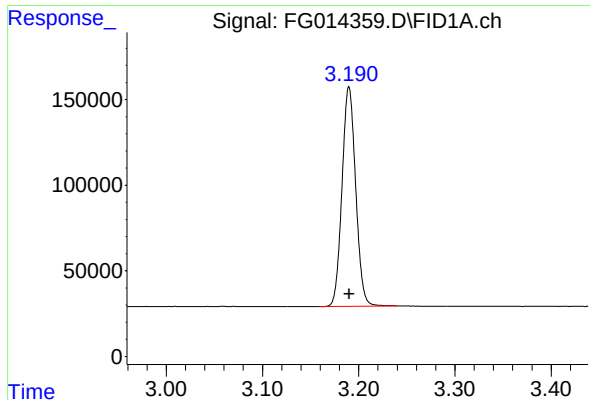
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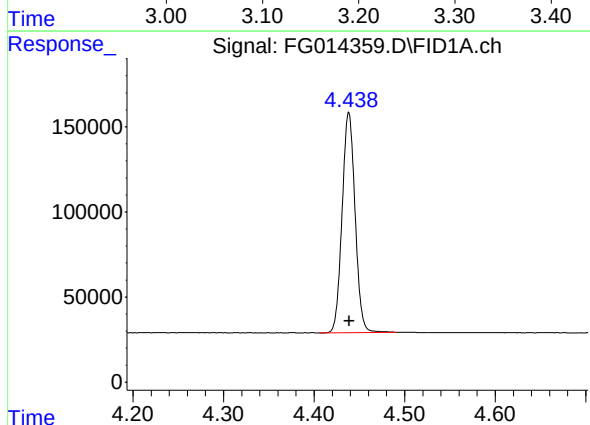
#1 n-Nonane (C9)

R.T.: 3.190 min
Delta R.T.: 0.000 min
Response: 1267207
Conc: 10.20 ug/ml

Instrument :
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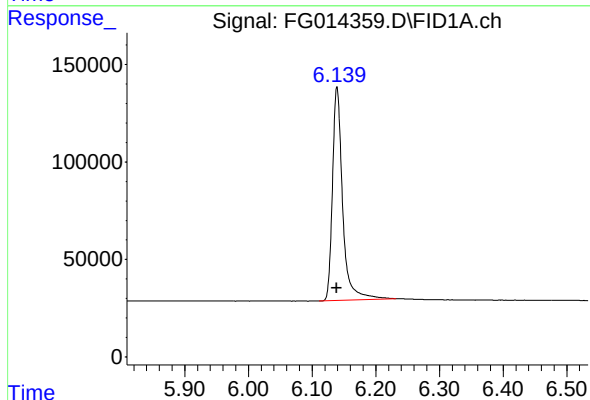
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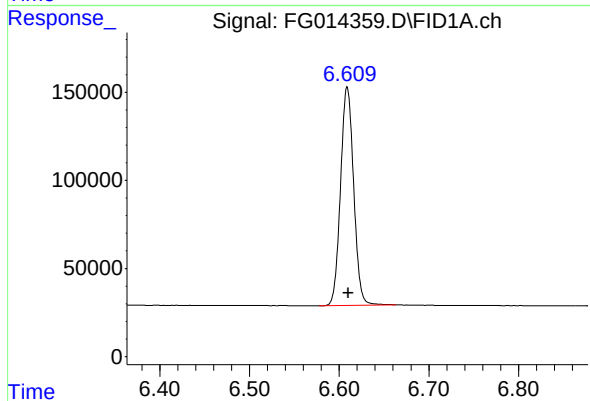
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 1288563
Conc: 10.21 ug/ml



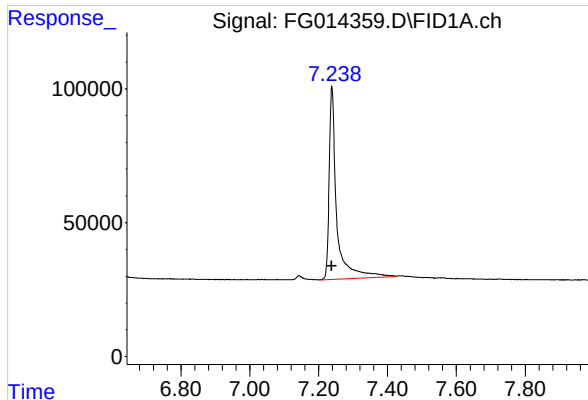
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 1213008
Conc: 9.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: -0.001 min
Response: 1261707
Conc: 10.11 ug/ml



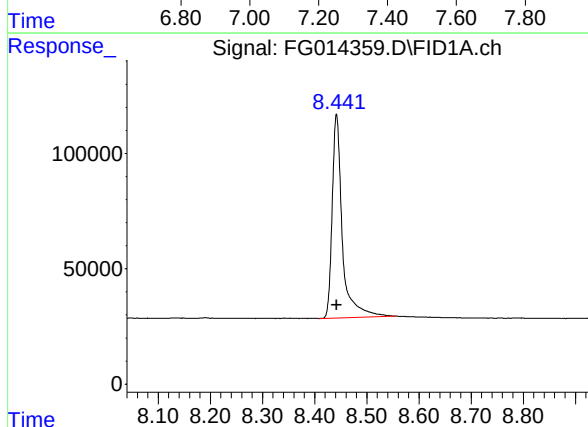
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 1110597
Conc: 10.27 ug/ml

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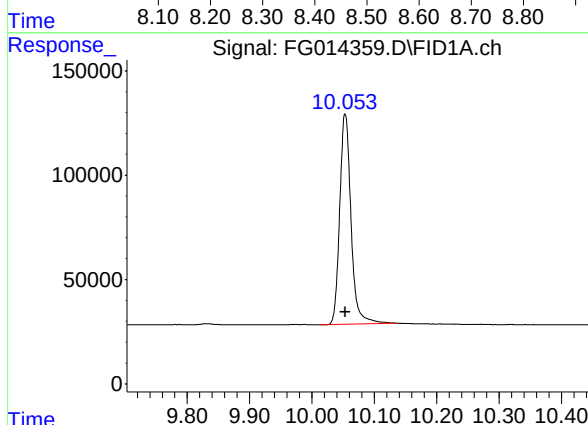
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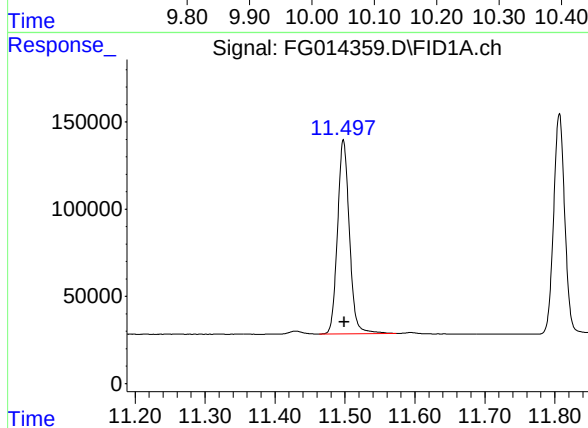
#6 n-Tetradecane (C14)

R.T.: 8.442 min
Delta R.T.: 0.000 min
Response: 1194752
Conc: 10.04 ug/ml



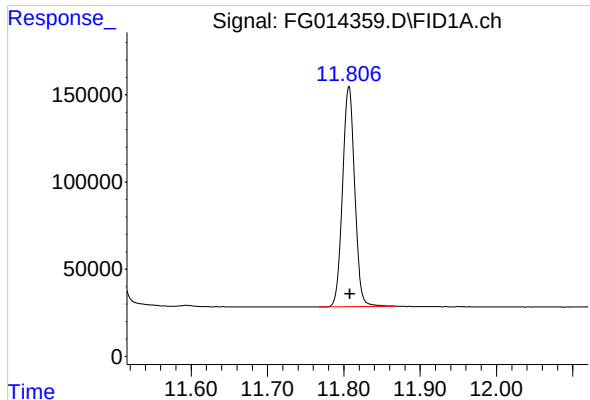
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: 0.000 min
Response: 1269447
Conc: 10.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.498 min
Delta R.T.: -0.001 min
Response: 1316280
Conc: 10.23 ug/ml



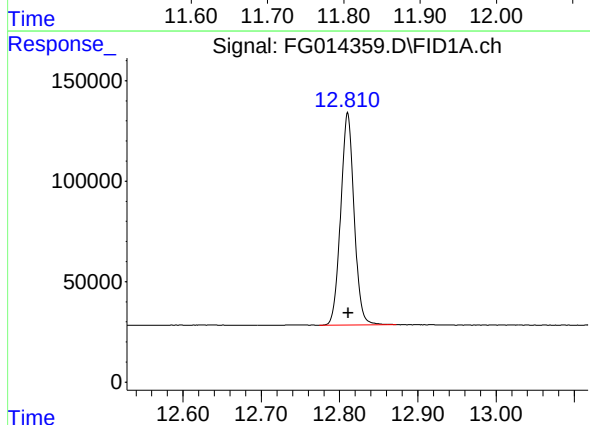
#9 ortho-Terphenyl (SURR)

R.T.: 11.807 min
Delta R.T.: -0.001 min
Response: 1395362
Conc: 10.20 ug/ml

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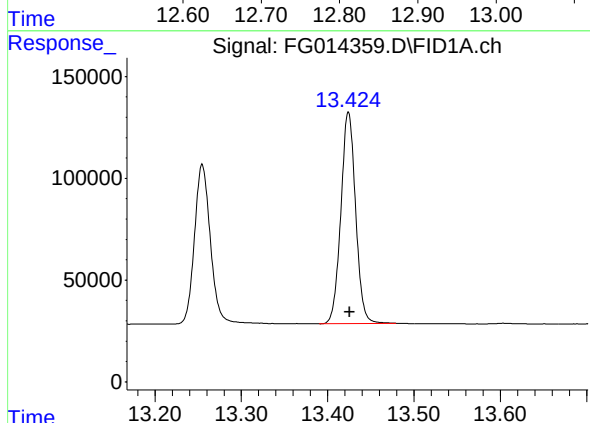
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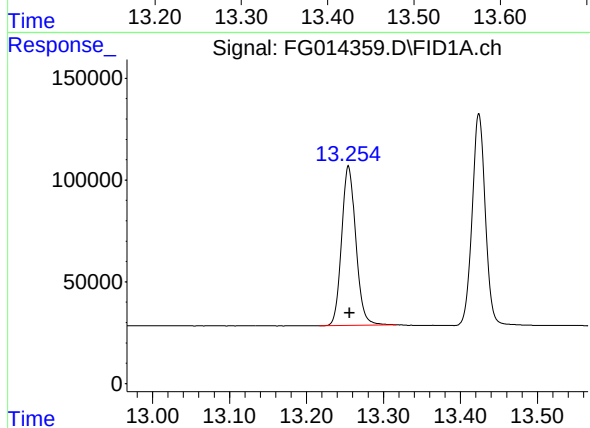
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: 0.000 min
Response: 1259624
Conc: 10.20 ug/ml



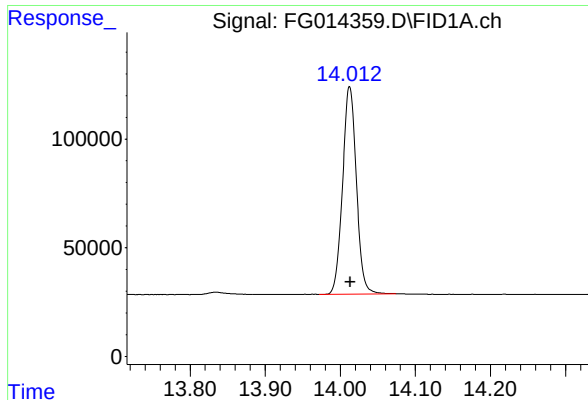
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.001 min
Response: 1231820
Conc: 10.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.255 min
Delta R.T.: -0.001 min
Response: 994730
Conc: 10.05 ug/ml



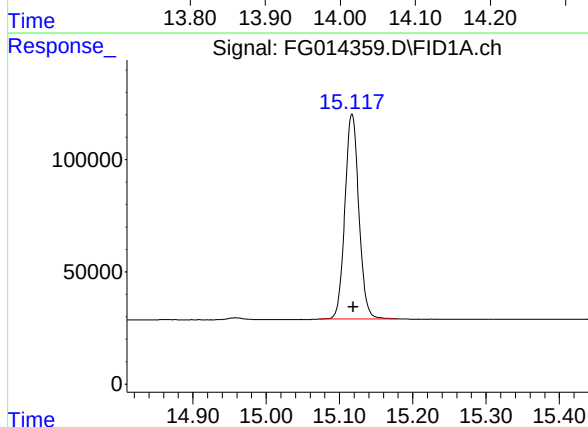
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: 0.000 min
Response: 1217601
Conc: 10.14 ug/ml

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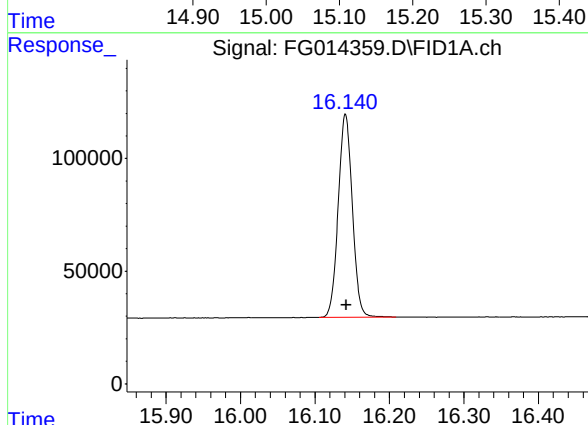
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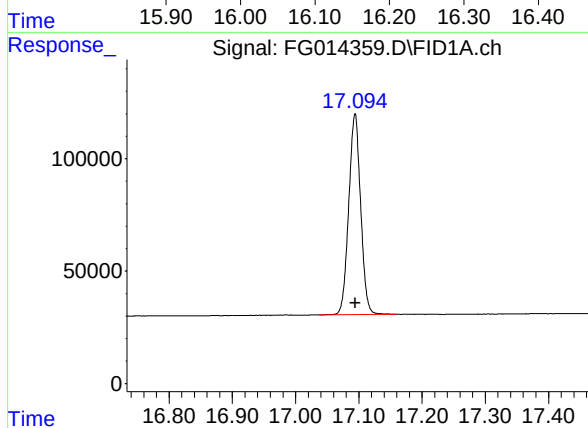
#14 n-Tetracosane (C24)

R.T.: 15.117 min
Delta R.T.: -0.002 min
Response: 1208268
Conc: 10.04 ug/ml



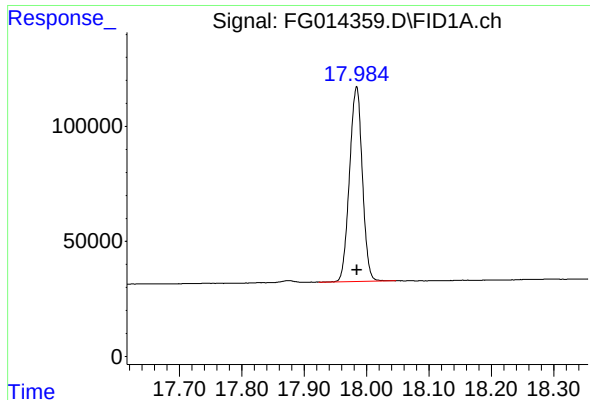
#15 n-Hexacosane (C26)

R.T.: 16.141 min
Delta R.T.: -0.001 min
Response: 1185834
Conc: 10.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 1167742
Conc: 10.05 ug/ml



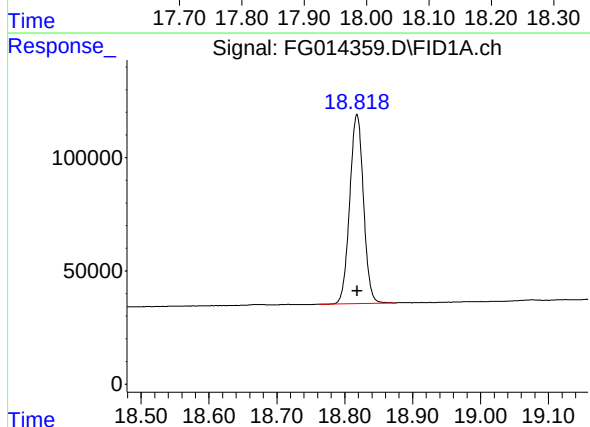
#17 n-Tricontane (C30)

R.T.: 17.984 min
Delta R.T.: 0.000 min
Response: 1209055
Conc: 10.15 ug/ml

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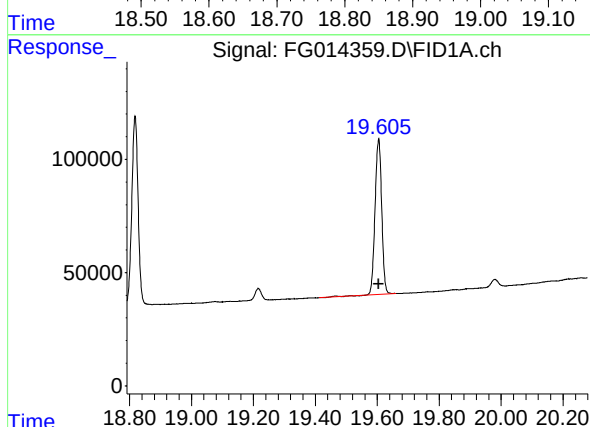
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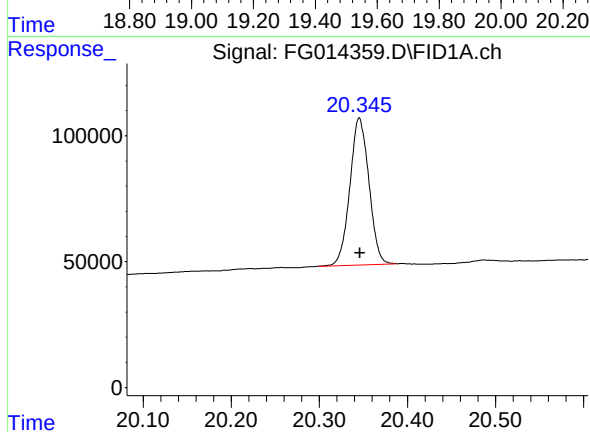
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: 0.000 min
Response: 1175291
Conc: 10.23 ug/ml



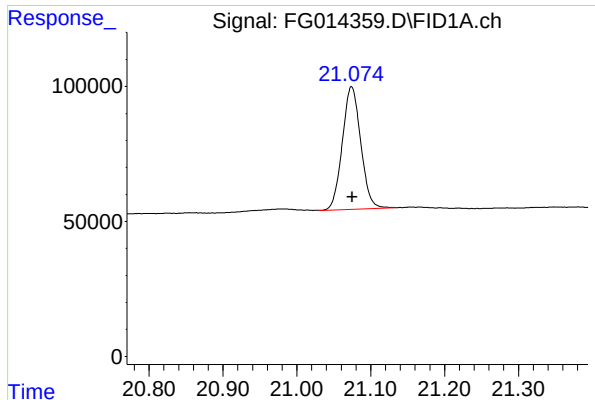
#19 n-Tetratriacontane (C34)

R.T.: 19.605 min
Delta R.T.: 0.000 min
Response: 1026611
Conc: 10.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.001 min
Response: 880585
Conc: 10.17 ug/ml m



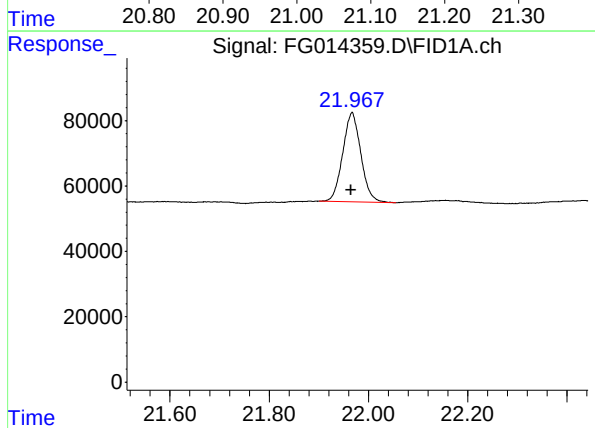
#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.002 min
Response: 784933
Conc: 10.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.002 min
Response: 691641
Conc: 10.57 ug/ml