

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012663.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 13:10
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 13:29:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 12:45:52 2023
 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)	11.979	679498	5.084 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
12) S 1-chlorooctadecane (S...	13.421	524737	5.071 ug/ml
Spiked Amount 50.000		Recovery =	10.14%
Target Compounds			
1) T n-Nonane (C9)	3.346	527602	5.113 ug/ml
2) T n-Decane (C10)	4.597	528697	5.063 ug/ml
3) T A~Naphthalene (C11.7)	6.303	573287	5.056 ug/ml
4) T n-Dodecane (C12)	6.768	539255	5.082 ug/ml
5) T A~2-methylnaphthalene...	7.401	575403	5.059 ug/ml
6) T n-Tetradecane (C14)	8.601	543712	5.099 ug/ml
7) T n-Hexadecane (C16)	10.214	547213	5.070 ug/ml
8) T n-Octadecane (C18)	11.661	555962	5.078 ug/ml
10) T n-Eicosane (C20)	12.974	557172	5.087 ug/ml
11) T n-Heneicosane (C21)	13.588	559340	5.102 ug/ml
13) T n-Docosane (C22)	14.176	553361	5.084 ug/ml
14) T n-Tetracosane (C24)	15.282	547535	5.100 ug/ml
15) T n-Hexacosane (C26)	16.305	532514	5.091 ug/ml
16) T n-Octacosane (C28)	17.257	514047	5.105 ug/ml
17) T n-Tricontane (C30)	18.146	510002	5.146 ug/ml
18) T n-Dotriacontane (C32)	18.979	524323	5.311 ug/ml
19) T n-Tetratriacontane (C34)	19.763	471247	5.130 ug/ml
20) T n-Hexatriacontane (C36)	20.502	460141	5.117 ug/ml
21) T n-Octatriacontane (C38)	21.260	424969	4.967 ug/ml
22) T n-Tetracontane (C40)	22.207	413367	5.038 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
Data File : FG012663.D
Signal(s) : FID1A.ch
Acq On : 10 Aug 2023 13:10
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

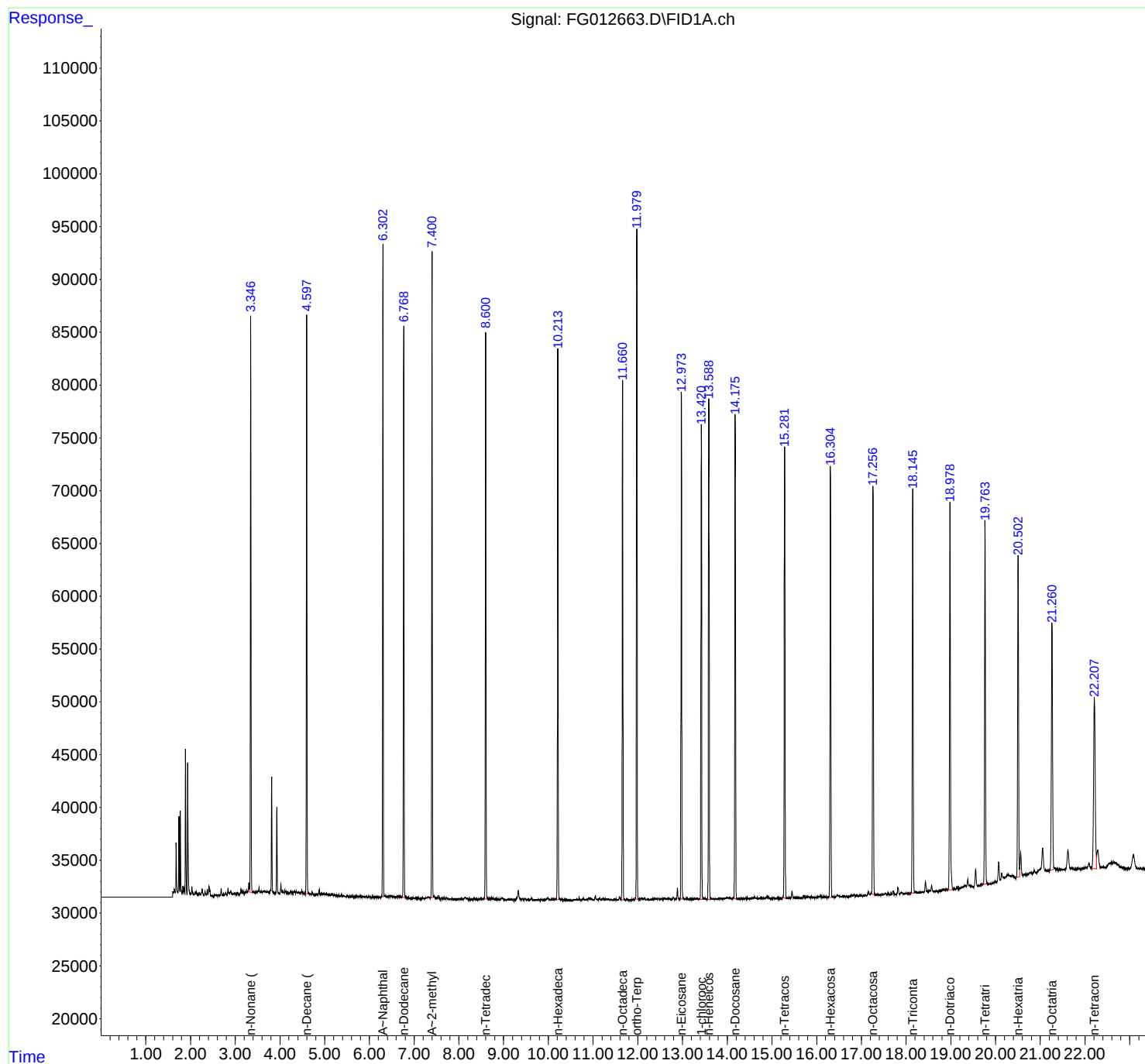
Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

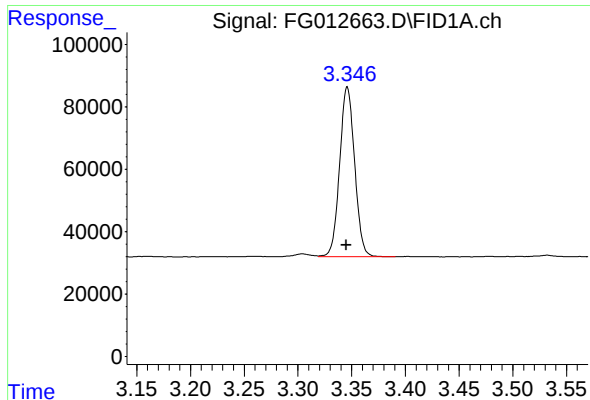
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Integration File: autoint1.e
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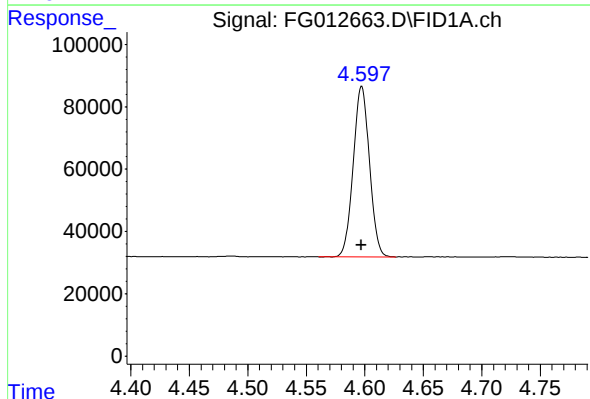
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 527602
Conc: 5.11 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

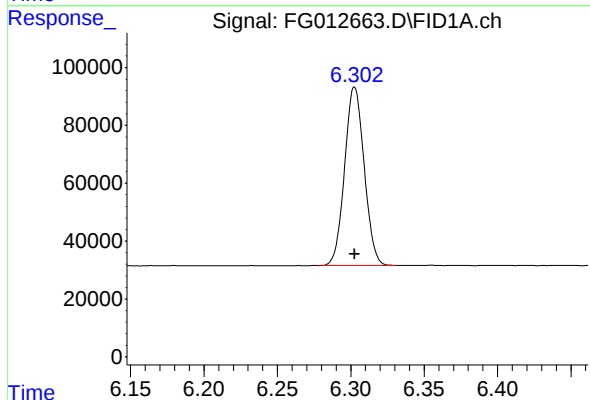
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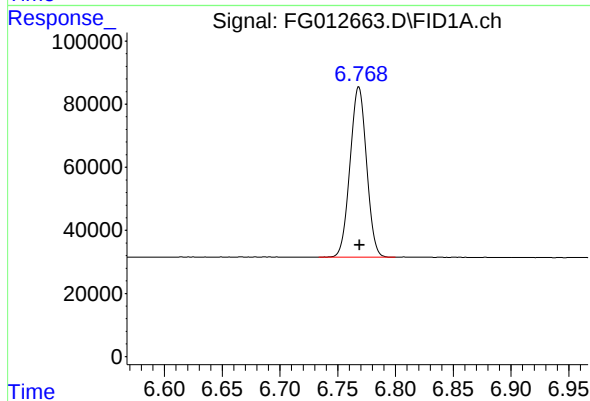
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 528697
Conc: 5.06 ug/ml



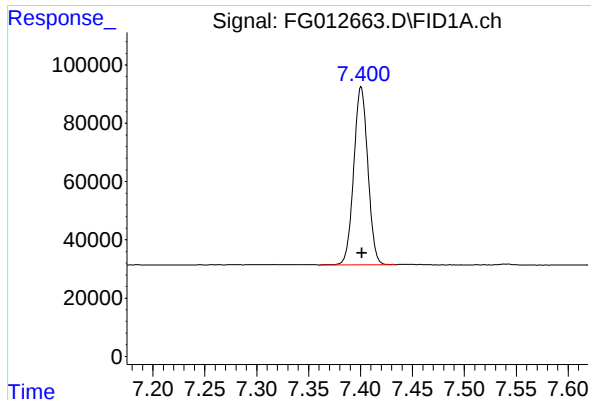
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 573287
Conc: 5.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 539255
Conc: 5.08 ug/ml



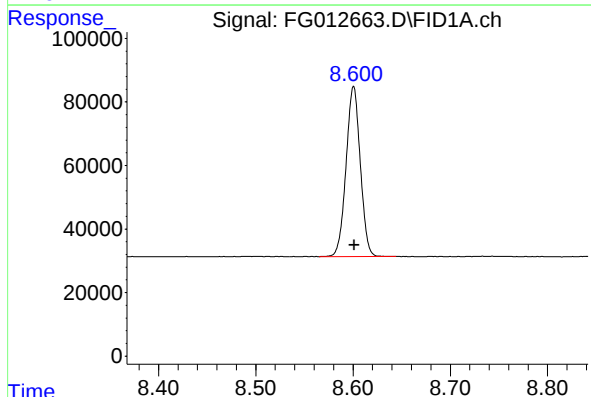
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 575403
Conc: 5.06 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

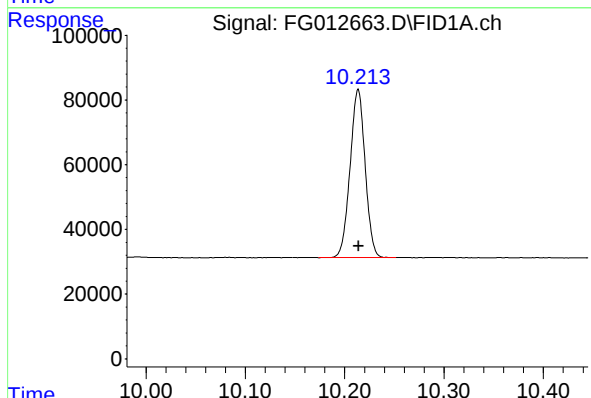
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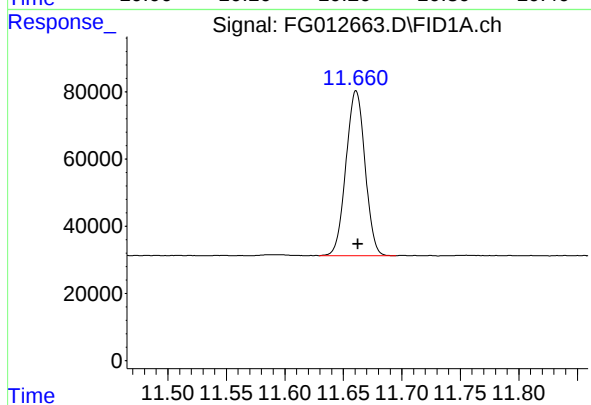
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 543712
Conc: 5.10 ug/ml



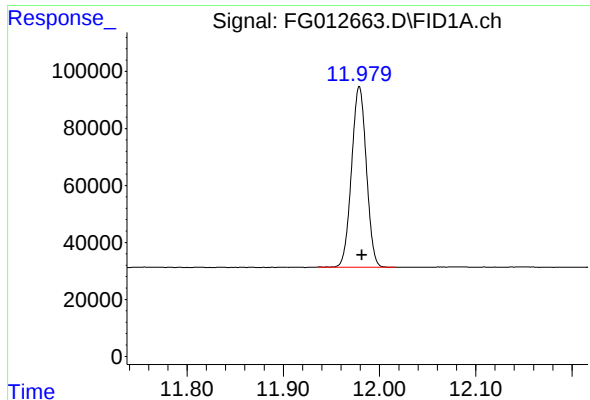
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 547213
Conc: 5.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: -0.002 min
Response: 555962
Conc: 5.08 ug/ml



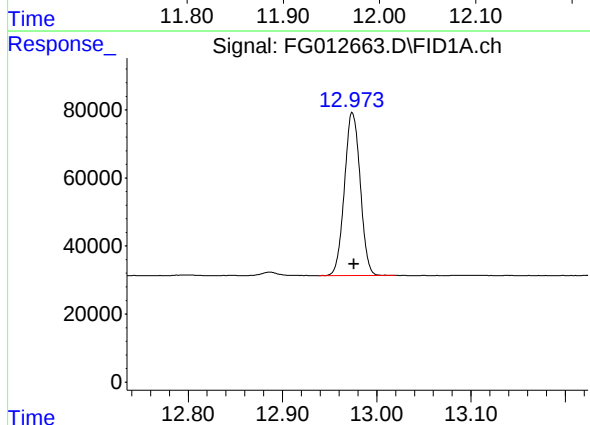
#9 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: -0.003 min
Response: 679498
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

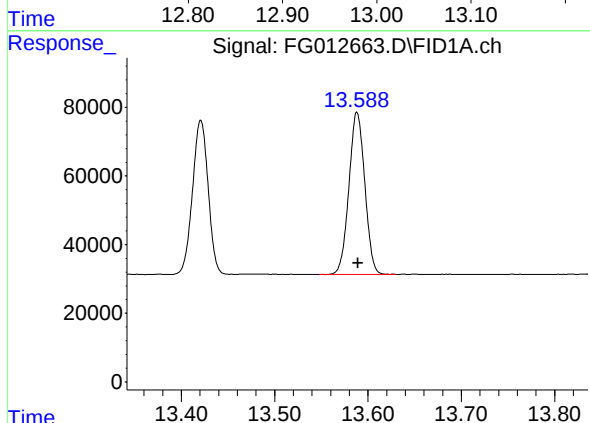
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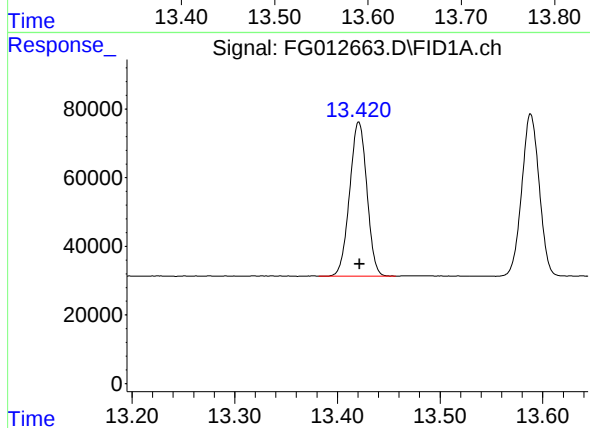
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: -0.002 min
Response: 557172
Conc: 5.09 ug/ml



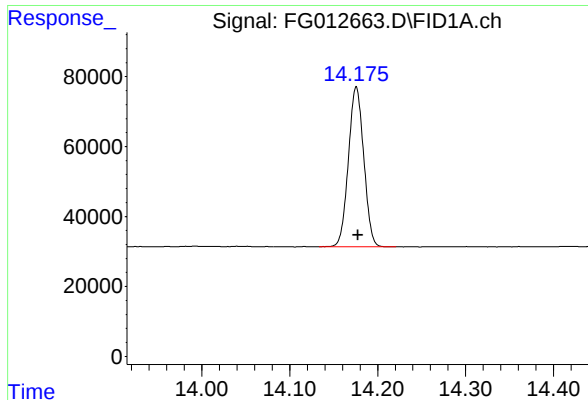
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: -0.001 min
Response: 559340
Conc: 5.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: -0.001 min
Response: 524737
Conc: 5.07 ug/ml



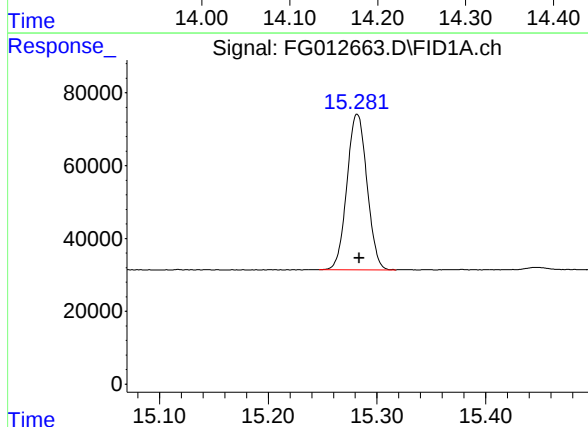
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: -0.002 min
Response: 553361
Conc: 5.08 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

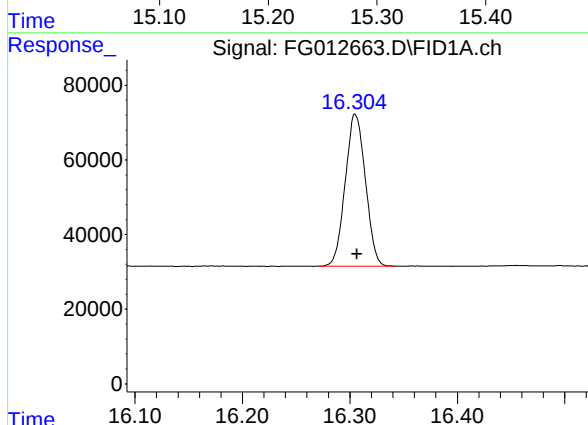
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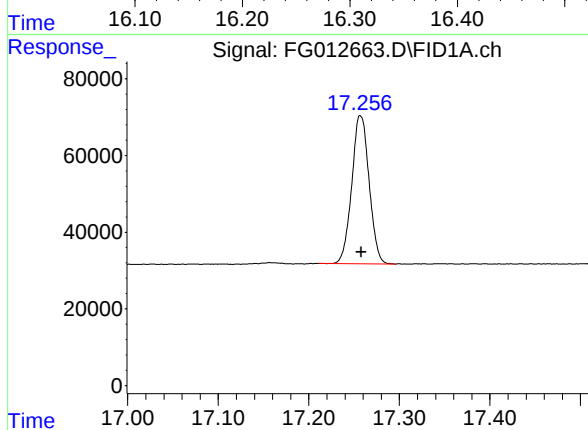
#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: -0.002 min
Response: 547535
Conc: 5.10 ug/ml



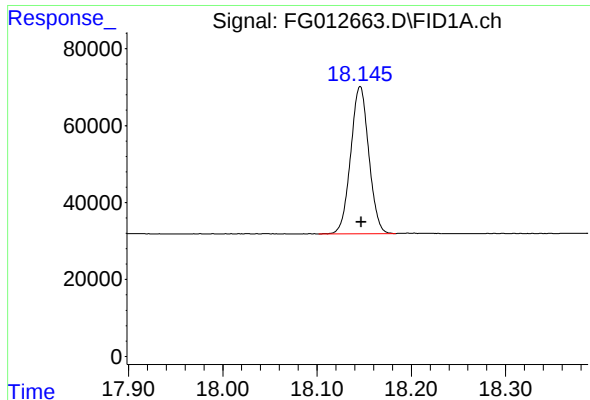
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: -0.001 min
Response: 532514
Conc: 5.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.257 min
Delta R.T.: 0.000 min
Response: 514047
Conc: 5.11 ug/ml



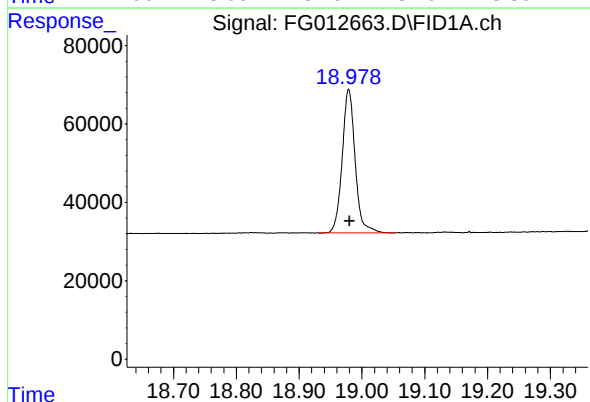
#17 n-Tricontane (C30)

R.T.: 18.146 min
Delta R.T.: -0.001 min
Response: 510002
Conc: 5.15 ug/ml

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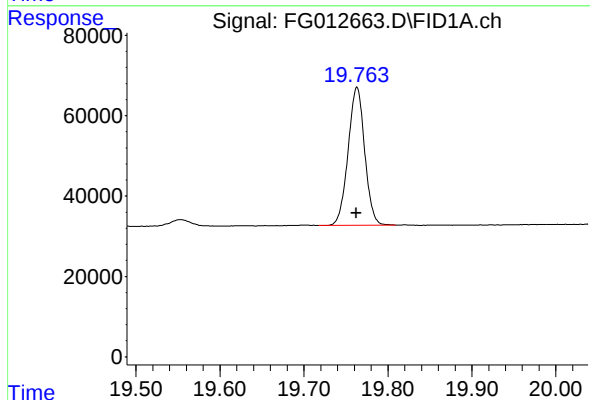
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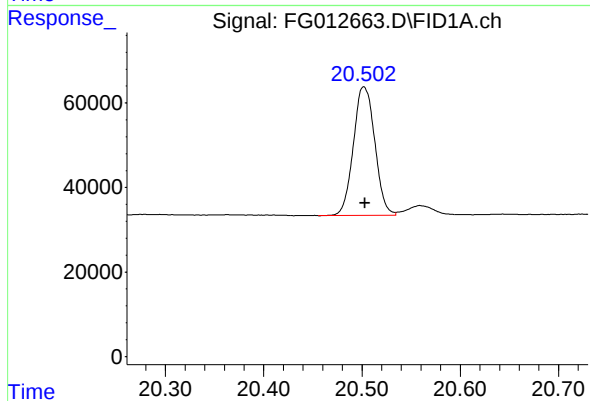
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: -0.001 min
Response: 524323
Conc: 5.31 ug/ml



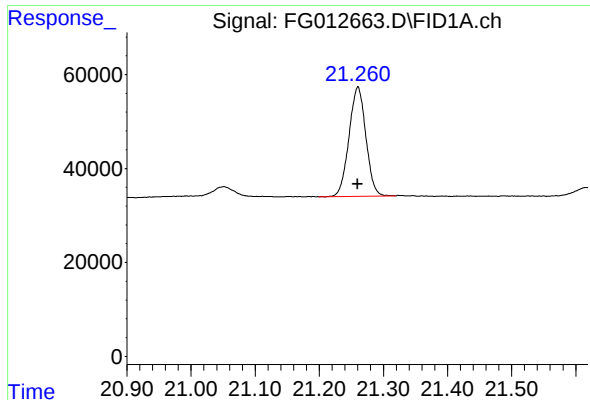
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 471247
Conc: 5.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: 0.000 min
Response: 460141
Conc: 5.12 ug/ml



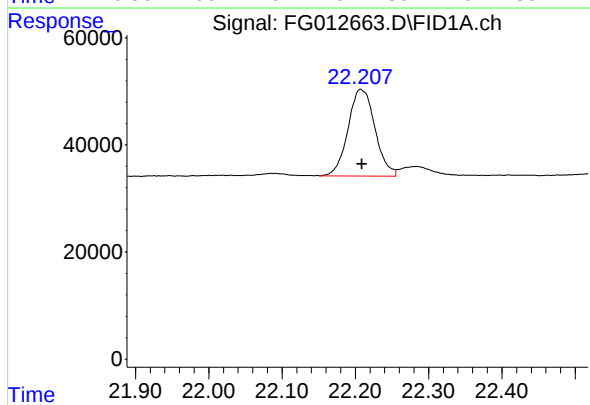
#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 424969
Conc: 4.97 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.207 min
Delta R.T.: -0.002 min
Response: 413367
Conc: 5.04 ug/ml m