

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111924AL\
 Data File : FG014878.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2024 18:02
 Operator : YP\AJ
 Sample : P4910-01MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MH-COTTAGEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 20 00:37:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:33:02 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)	11.946	5500760	37.278 ug/ml
Spiked Amount 50.000		Recovery =	74.56%
12) S 1-chlorooctadecane (S...	13.385	4272888	38.450 ug/ml
Spiked Amount 50.000		Recovery =	76.90%
Target Compounds			
1) T n-Nonane (C9)	3.322	3909764	28.797 ug/ml
2) T n-Decane (C10)	4.572	4490922	32.385 ug/ml
3) T A~Naphthalene (C11.7)	6.273	5157505	34.764 ug/ml
4) T n-Dodecane (C12)	6.739	4886214	34.862 ug/ml
5) T A~2-methylnaphthalene...	7.370	4881689	34.199 ug/ml
6) T n-Tetradecane (C14)	8.572	5252924	37.889 ug/ml
7) T n-Hexadecane (C16)	10.182	5686232	40.131 ug/ml
8) T n-Octadecane (C18)	11.629	6076612	43.172 ug/ml
10) T n-Eicosane (C20)	12.942	6241620	47.042 ug/ml
11) T n-Heneicosane (C21)	13.555	5996190	46.188 ug/ml
13) T n-Docosane (C22)	14.143	5934766	46.546 ug/ml
14) T n-Tetracosane (C24)	15.225	11243601	89.968 ug/mlm
15) T n-Hexacosane (C26)	16.270	5547716	45.598 ug/ml
16) T n-Octacosane (C28)	17.219	5364227	44.711 ug/ml
17) T n-Tricontane (C30)	18.109	5264348	41.983 ug/ml
18) T n-Dotriacontane (C32)	18.940	5125567	41.152 ug/ml
19) T n-Tetratriacontane (C34)	19.725	4987885	46.175 ug/ml
20) T n-Hexatriacontane (C36)	20.462	4729936	51.092 ug/ml
21) T n-Octatriacontane (C38)	21.211	4664598	53.243 ug/ml
22) T n-Tetracontane (C40)	22.148	4699756	55.954 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P4910-01MSD
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ALS Vial : 34 Sample Multiplier: 1

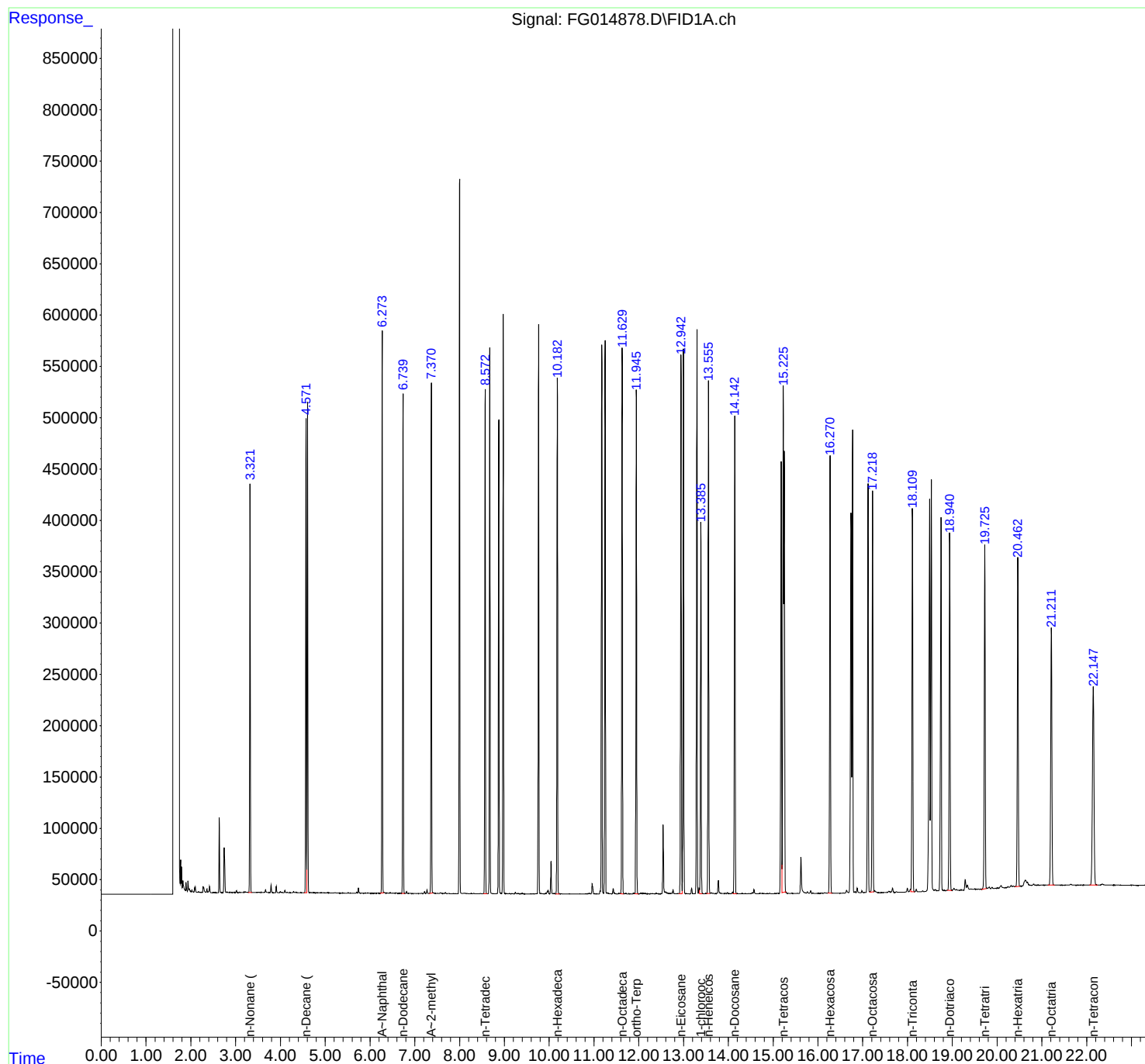
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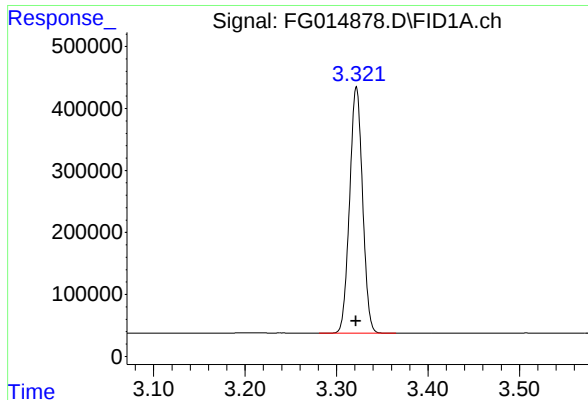
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#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 3909764
Conc: 28.80 ug/ml

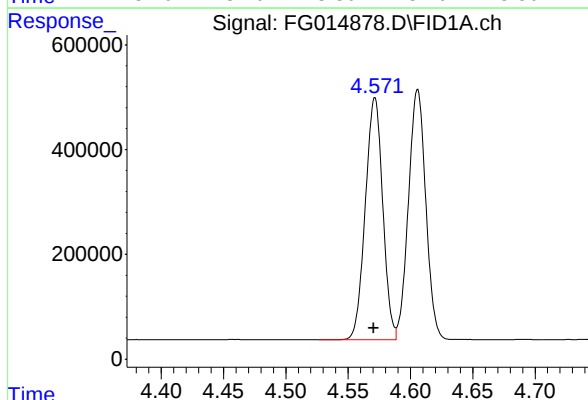
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FID_G

ClientSampleId :
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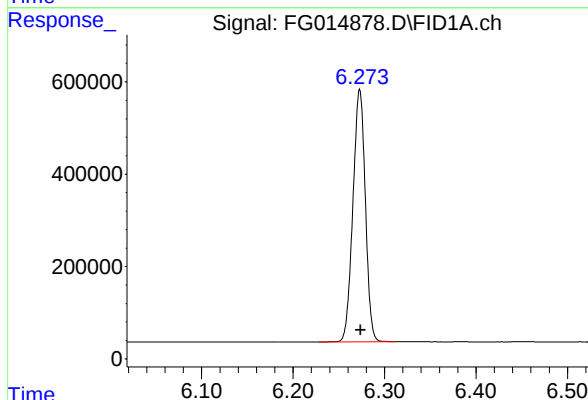
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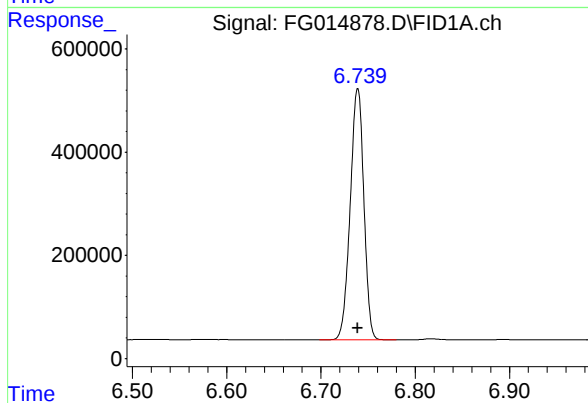
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 4490922
Conc: 32.39 ug/ml



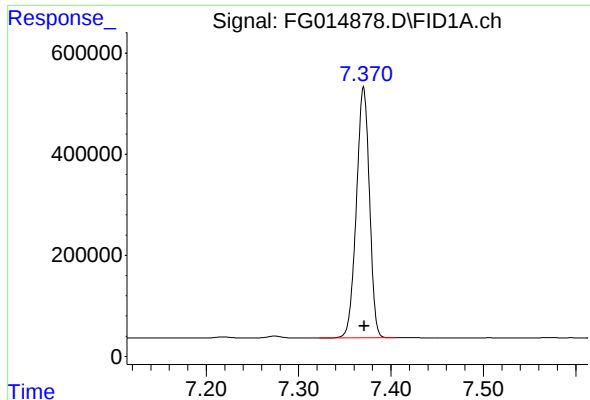
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.001 min
Response: 5157505
Conc: 34.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 4886214
Conc: 34.86 ug/ml



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

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 4881689
Conc: 34.20 ug/ml

Instrument :

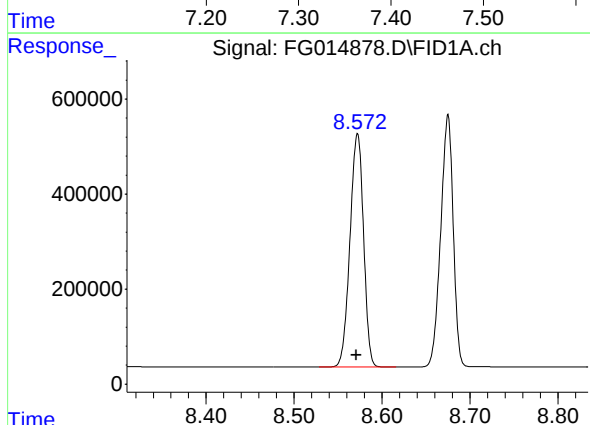
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ClientSampleId :

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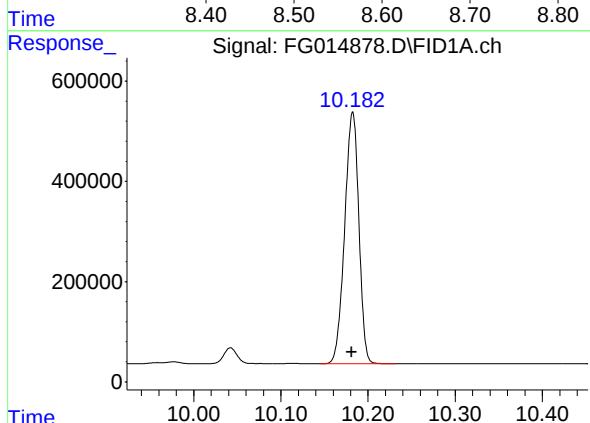
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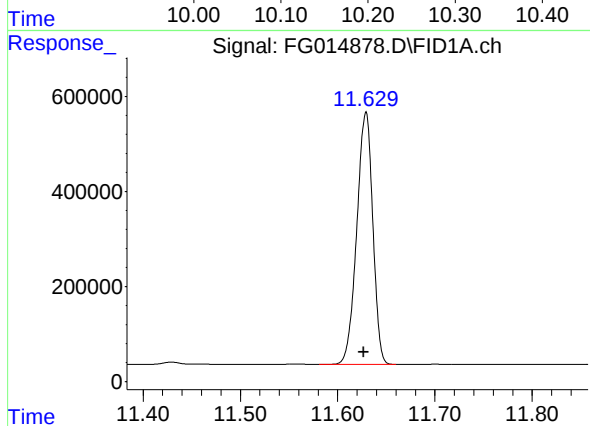
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: 0.001 min
Response: 5252924
Conc: 37.89 ug/ml



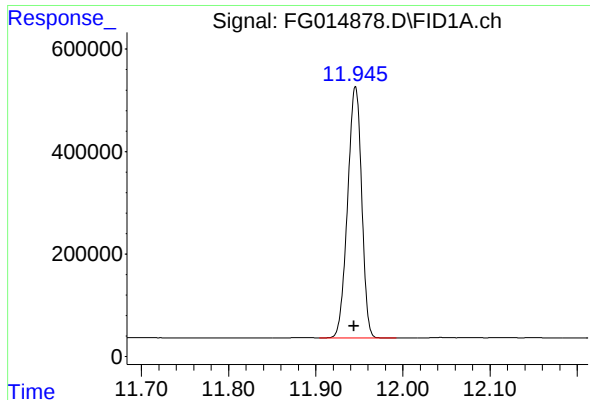
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.001 min
Response: 5686232
Conc: 40.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: 0.002 min
Response: 6076612
Conc: 43.17 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: 0.002 min
Response: 5500760
Conc: 37.28 ug/ml

Instrument :

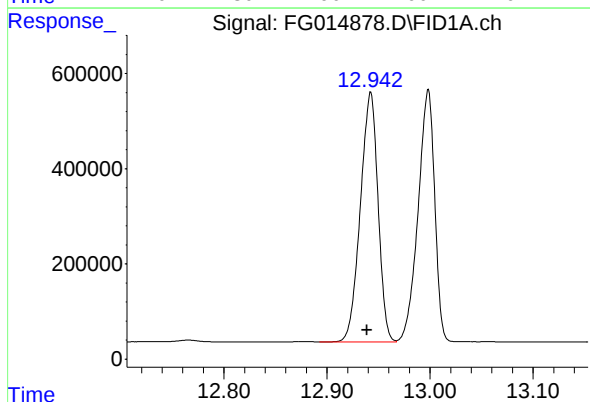
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ClientSampleId :

MH-COTTAGEMSD

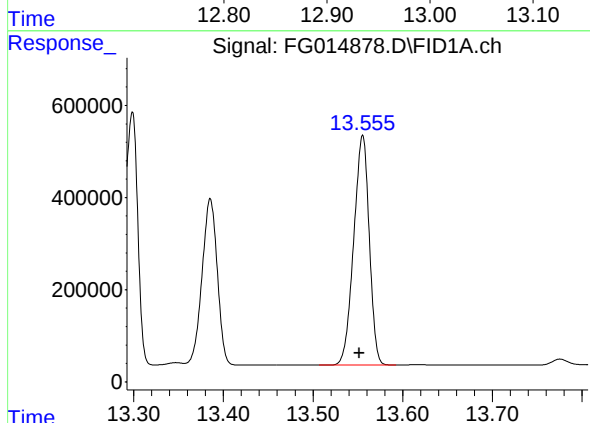
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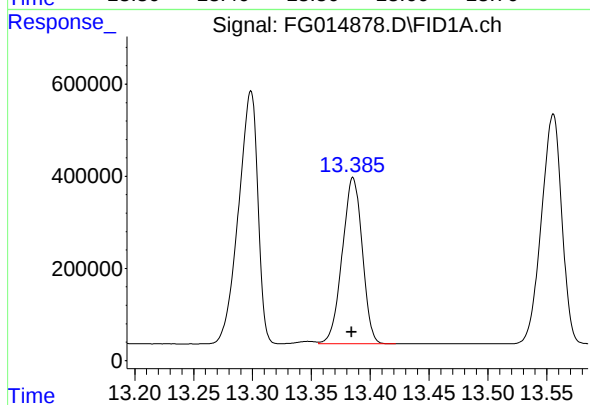
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.004 min
Response: 6241620
Conc: 47.04 ug/ml



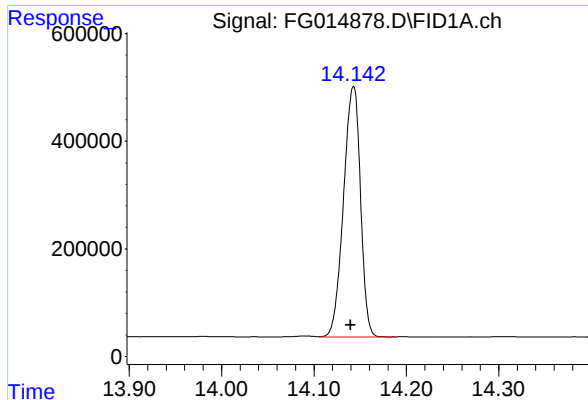
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.004 min
Response: 5996190
Conc: 46.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: 0.001 min
Response: 4272888
Conc: 38.45 ug/ml



#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.003 min
Response: 5934766
Conc: 46.55 ug/ml

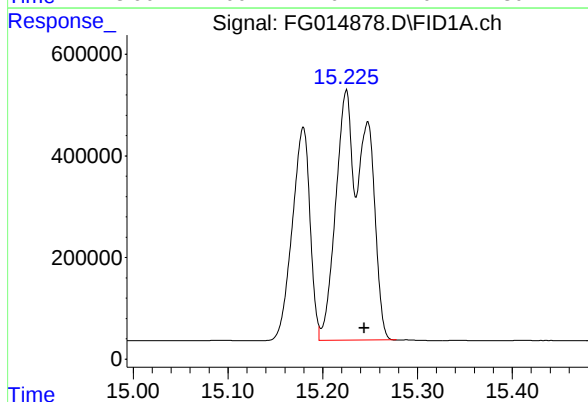
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ClientSampleId :
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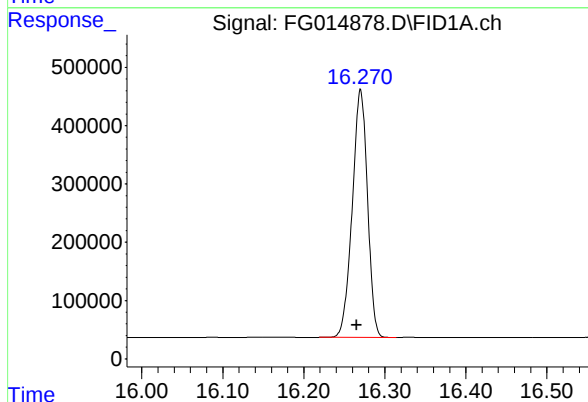
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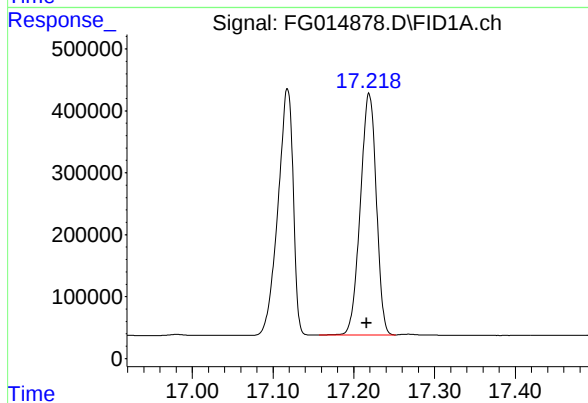
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.019 min
Response: 11243601
Conc: 89.97 ug/ml m



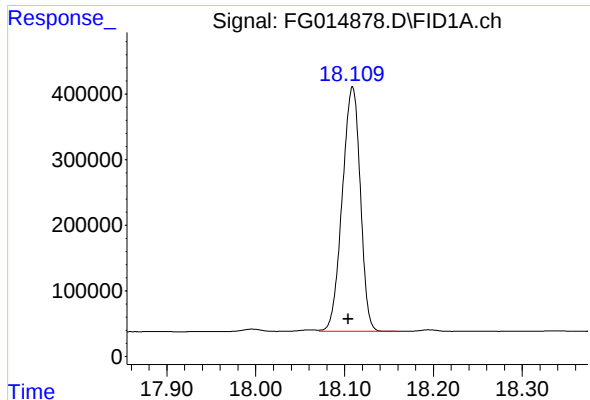
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.005 min
Response: 5547716
Conc: 45.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: 0.003 min
Response: 5364227
Conc: 44.71 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: 0.005 min
Response: 5264348
Conc: 41.98 ug/ml

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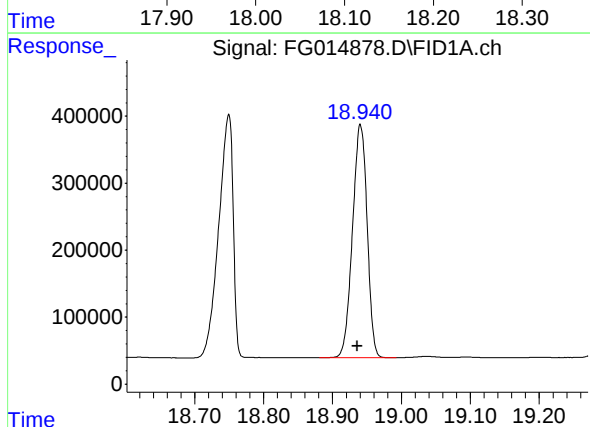
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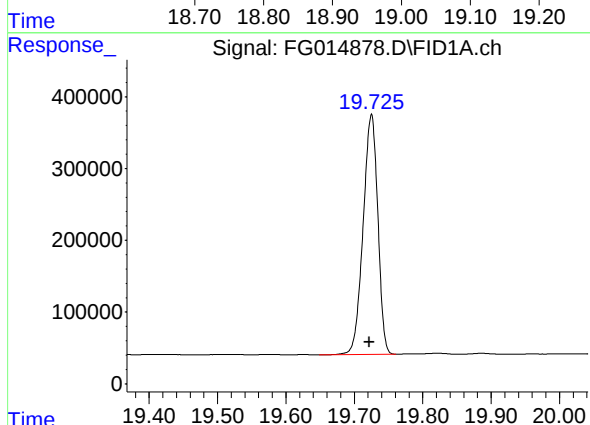
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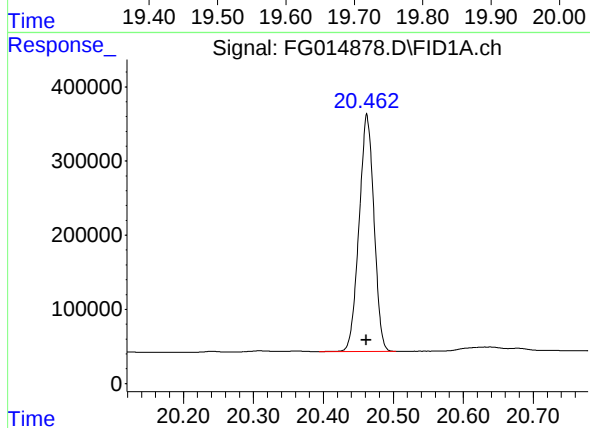
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.004 min
Response: 5125567
Conc: 41.15 ug/ml



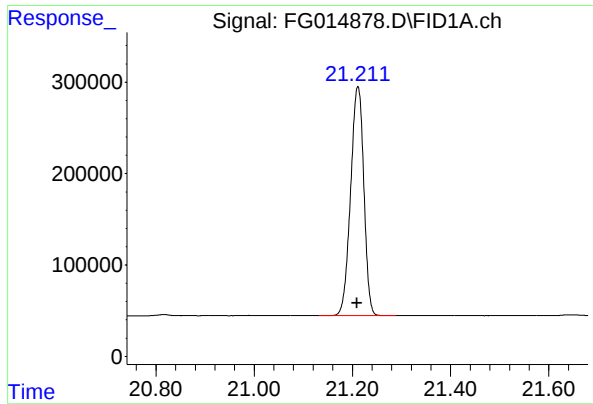
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.003 min
Response: 4987885
Conc: 46.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: 0.000 min
Response: 4729936
Conc: 51.09 ug/ml



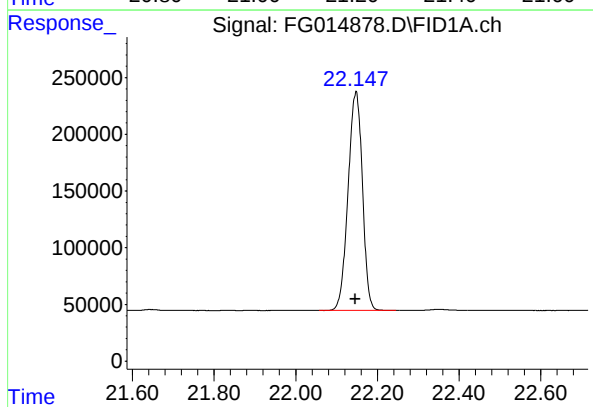
#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: 0.002 min
Response: 4664598
Conc: 53.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.002 min
Response: 4699756
Conc: 55.95 ug/ml