

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012674.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 18:40
 Operator : YP\AJ
 Sample : 03572-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

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 23:13:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 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			
12) S 1-chlorooctadecane (S...	13.424	4962521	47.578 ug/ml
Spiked Amount 50.000		Recovery =	95.16%
Target Compounds			
1) T n-Nonane (C9)	3.345	510651	4.916 ug/ml
2) T n-Decane (C10)	4.597	502598	4.792 ug/ml
4) T n-Dodecane (C12)	6.768	521879	4.886 ug/ml
6) T n-Tetradecane (C14)	8.600	532782	4.959 ug/ml
7) T n-Hexadecane (C16)	10.213	541492	4.977 ug/ml
8) T n-Octadecane (C18)	11.661	572968	5.193 ug/ml
10) T n-Eicosane (C20)	12.975	555199	5.031 ug/ml
11) T n-Heneicosane (C21)	13.588	557527	5.052 ug/ml
13) T n-Docosane (C22)	14.176	553466	5.055 ug/ml
14) T n-Tetracosane (C24)	15.282	548269	5.081 ug/ml
15) T n-Hexacosane (C26)	16.304	535522	5.099 ug/ml
16) T n-Octacosane (C28)	17.256	519667	5.133 ug/ml
17) T n-Tricontane (C30)	18.145	508507	5.105 ug/ml
18) T n-Dotriacontane (C32)	18.979	502907	5.088 ug/ml
19) T n-Tetratriacontane (C34)	19.763	470208	5.110 ug/ml
20) T n-Hexatriacontane (C36)	20.502	446722	4.976 ug/mlm
21) T n-Octatriacontane (C38)	21.260	409749	4.825 ug/ml
22) T n-Tetracontane (C40)	22.208	397185	4.866 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03572-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

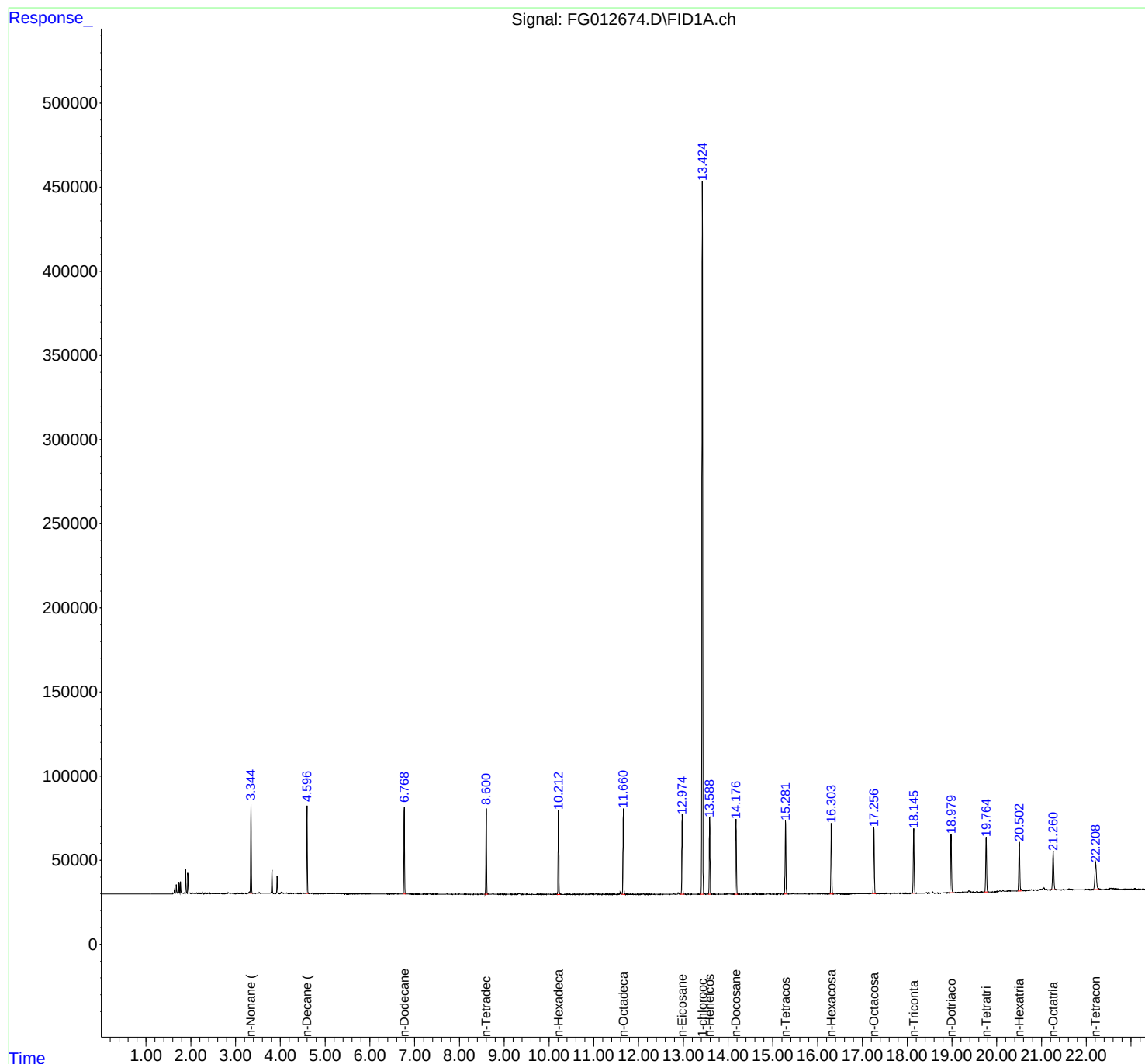
Instrument :
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ClientSampleId :
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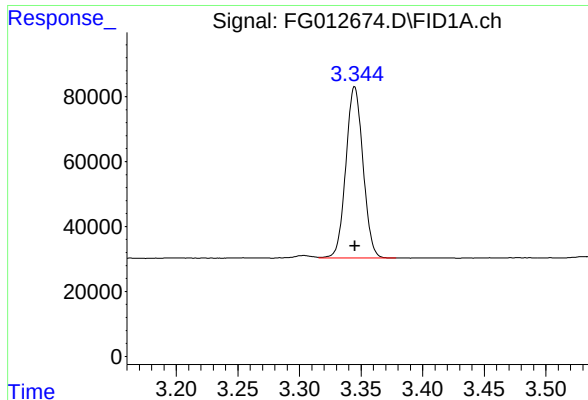
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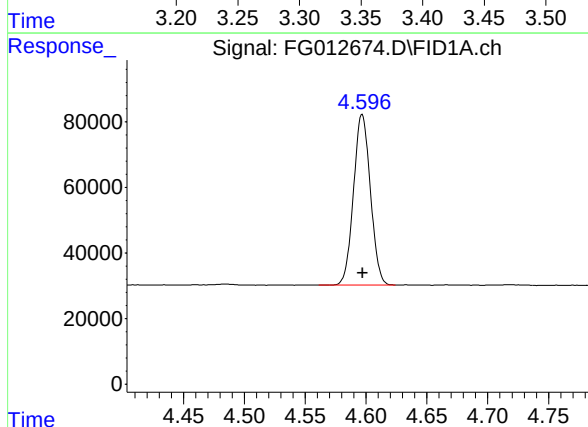
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 510651
Conc: 4.92 ug/ml

Instrument :
FID_G
ClientSampleId :
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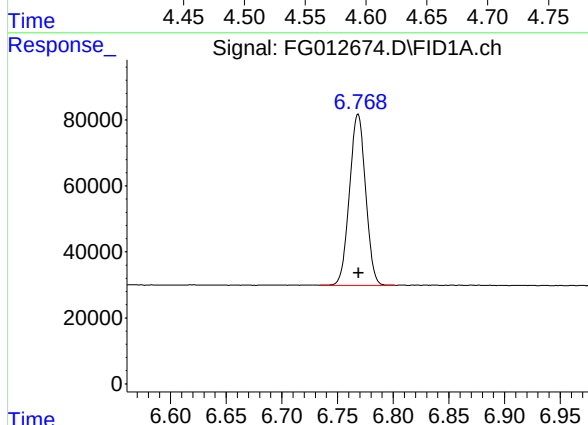
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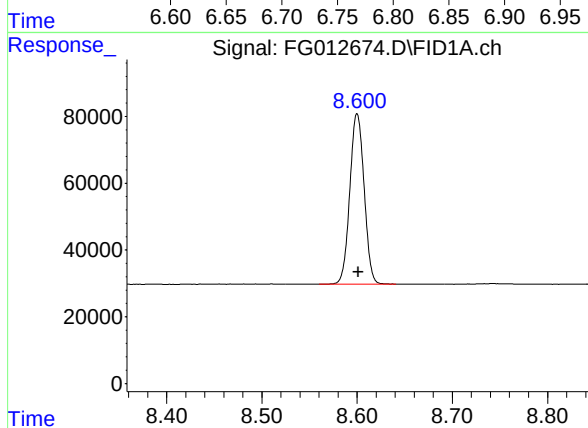
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 502598
Conc: 4.79 ug/ml



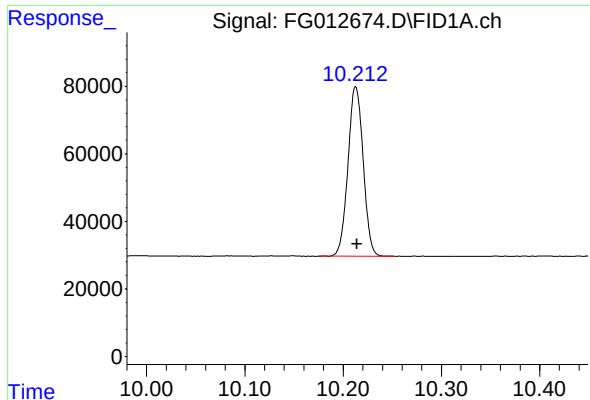
#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 521879
Conc: 4.89 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.001 min
Response: 532782
Conc: 4.96 ug/ml



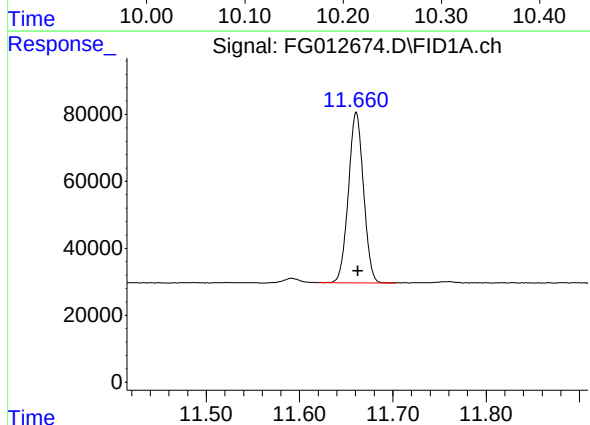
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.001 min
Response: 541492
Conc: 4.98 ug/ml

Instrument :
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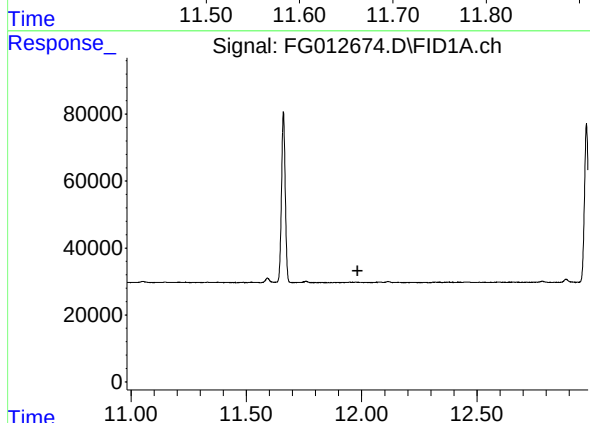
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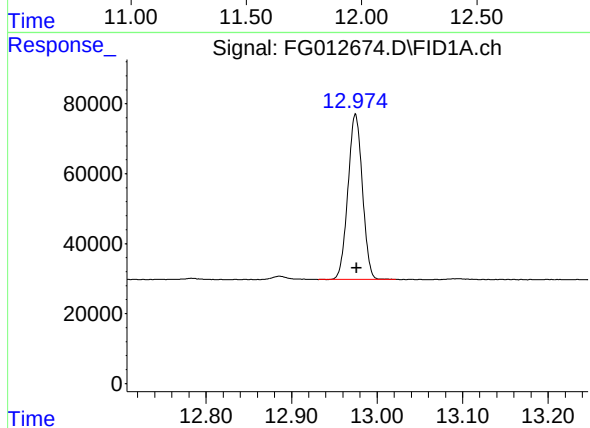
#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: -0.002 min
Response: 572968
Conc: 5.19 ug/ml



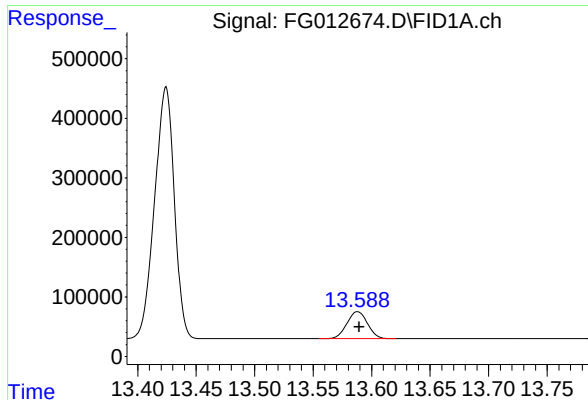
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.982 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: -0.001 min
Response: 555199
Conc: 5.03 ug/ml



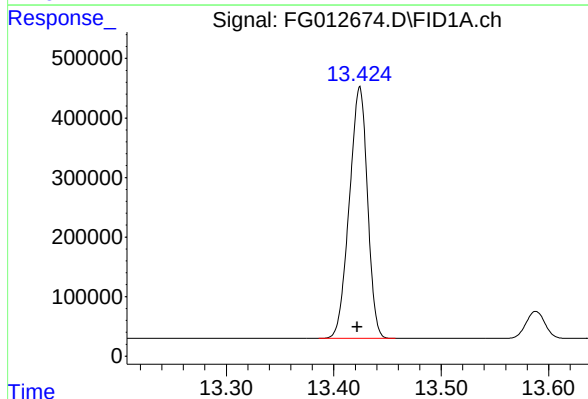
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: -0.002 min
Response: 557527
Conc: 5.05 ug/ml

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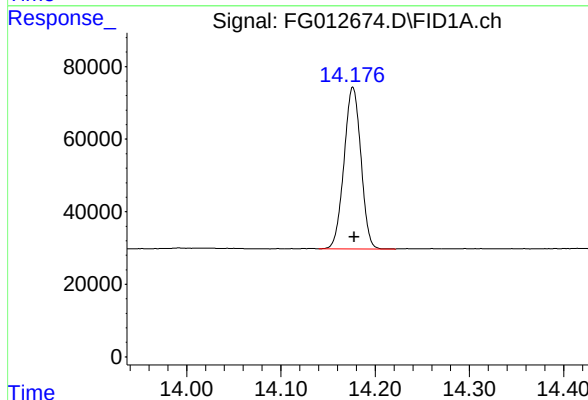
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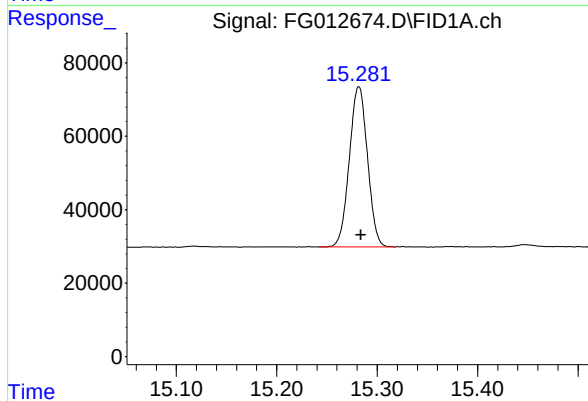
#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.002 min
Response: 4962521
Conc: 47.58 ug/ml



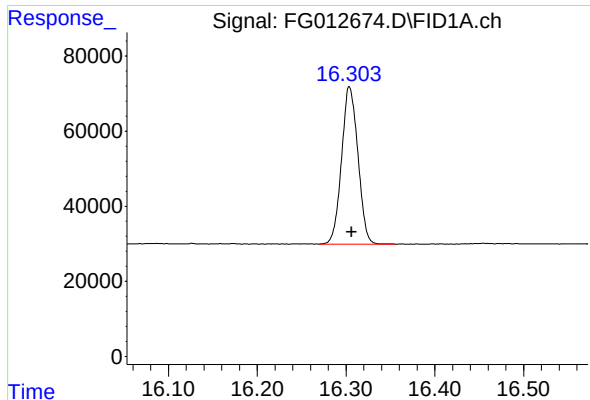
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: -0.001 min
Response: 553466
Conc: 5.06 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: -0.002 min
Response: 548269
Conc: 5.08 ug/ml



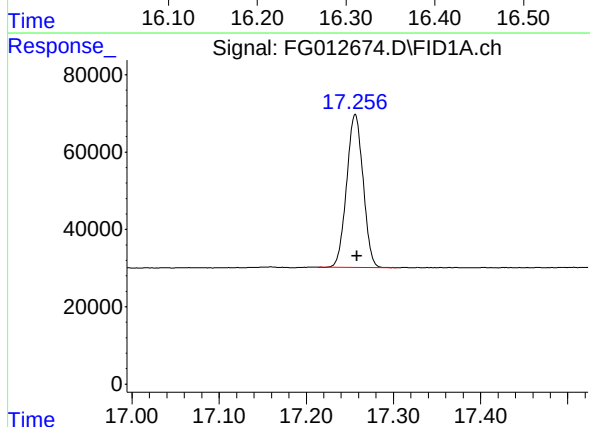
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: -0.003 min
Response: 535522
Conc: 5.10 ug/ml

Instrument :
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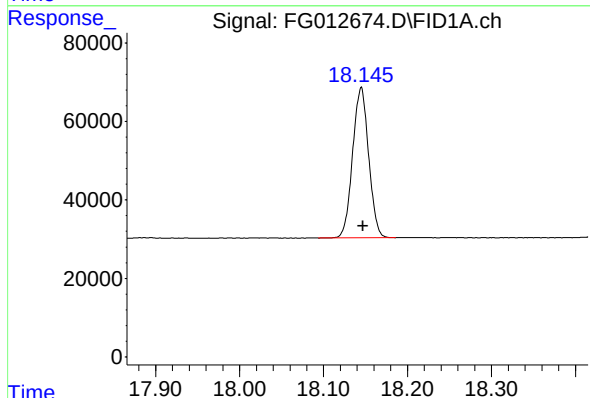
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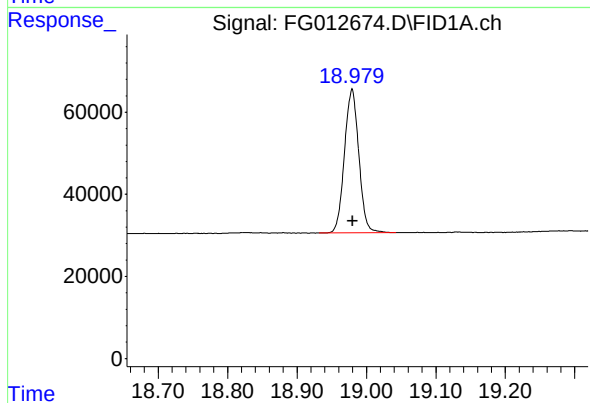
#16 n-Octacosane (C28)

R.T.: 17.256 min
Delta R.T.: -0.002 min
Response: 519667
Conc: 5.13 ug/ml



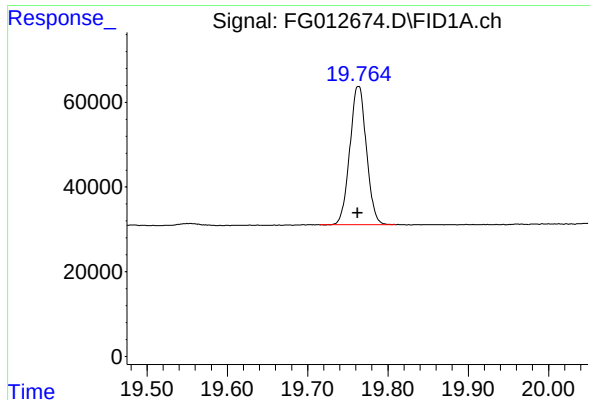
#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: -0.002 min
Response: 508507
Conc: 5.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: 0.000 min
Response: 502907
Conc: 5.09 ug/ml



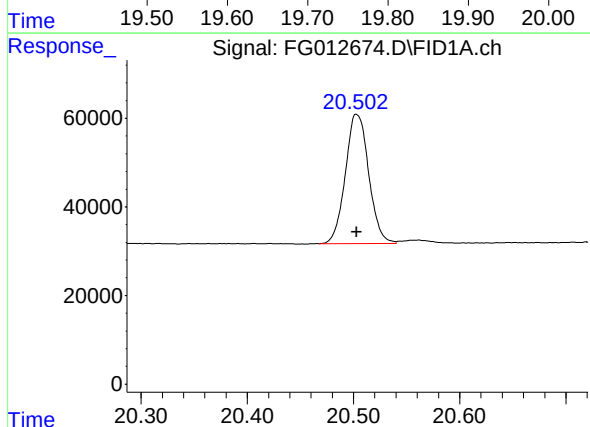
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.001 min
Response: 470208
Conc: 5.11 ug/ml

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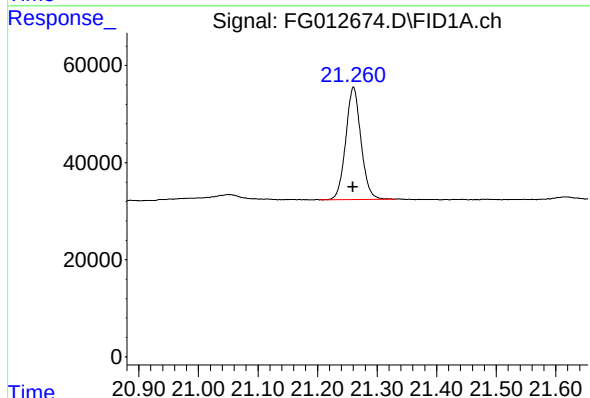
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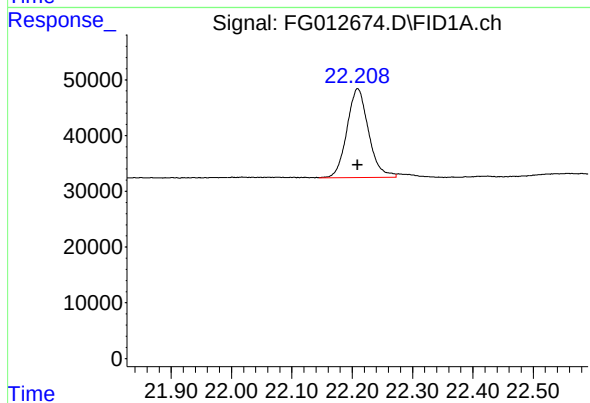
#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: 0.000 min
Response: 446722
Conc: 4.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 409749
Conc: 4.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.000 min
Response: 397185
Conc: 4.87 ug/ml m