

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012672.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 17:40
 Operator : YP\AJ
 Sample : 03572-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-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 23:13:36 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...	13.425	5075570	48.662 ug/ml
Spiked Amount 50.000		Recovery =	97.32%
Target Compounds			
1) T n-Nonane (C9)	3.346	271621	2.615 ug/ml
2) T n-Decane (C10)	4.598	269592	2.570 ug/ml
4) T n-Dodecane (C12)	6.768	280165	2.623 ug/ml
6) T n-Tetradecane (C14)	8.601	288014	2.681 ug/ml
7) T n-Hexadecane (C16)	10.213	291542	2.680 ug/ml
8) T n-Octadecane (C18)	11.661	309716	2.807 ug/ml
10) T n-Eicosane (C20)	12.975	294875	2.672 ug/ml
11) T n-Heneicosane (C21)	13.589	297860	2.699 ug/ml
13) T n-Docosane (C22)	14.177	293476	2.681 ug/ml
14) T n-Tetracosane (C24)	15.282	290161	2.689 ug/ml
15) T n-Hexacosane (C26)	16.307	281681	2.682 ug/ml
16) T n-Octacosane (C28)	17.257	276871	2.735 ug/ml
17) T n-Tricontane (C30)	18.146	277638	2.787 ug/ml
18) T n-Dotriacontane (C32)	18.979	284117	2.875 ug/ml
19) T n-Tetratriacontane (C34)	19.762	259256	2.818 ug/ml
20) T n-Hexatriacontane (C36)	20.502	244738	2.726 ug/mlm
21) T n-Octatriacontane (C38)	21.260	220289	2.594 ug/ml
22) T n-Tetracontane (C40)	22.209	207481	2.542 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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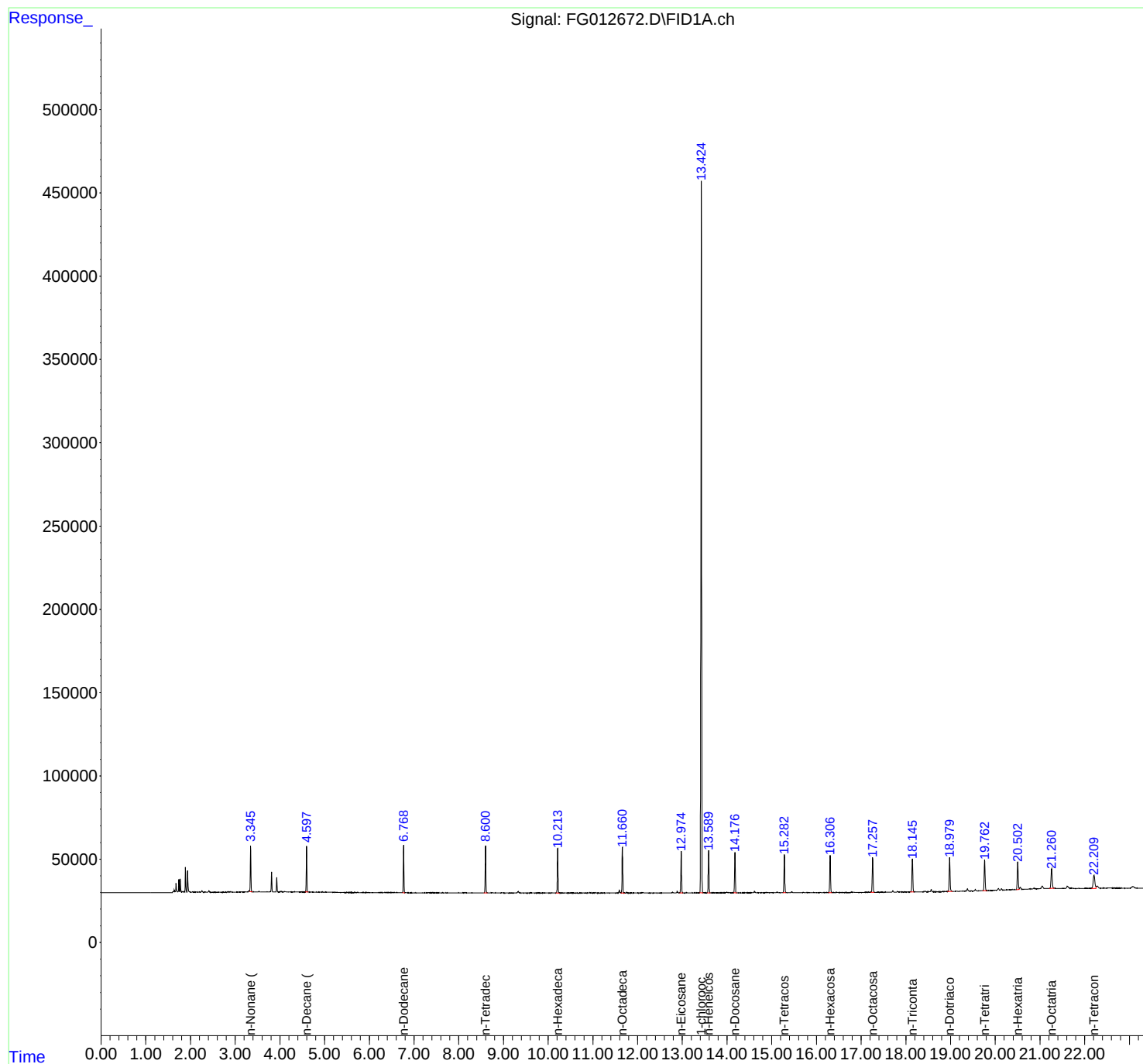
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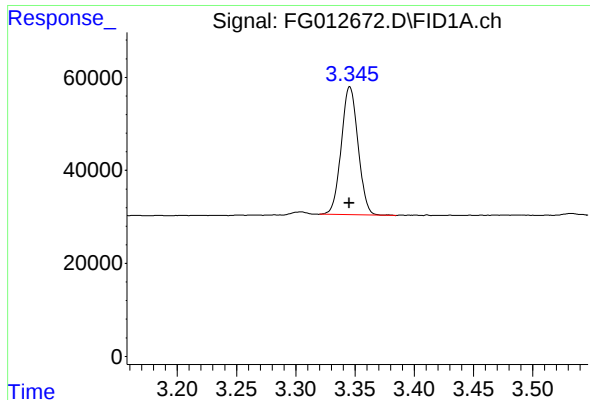
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 271621
Conc: 2.61 ug/ml

Instrument :

FID_G

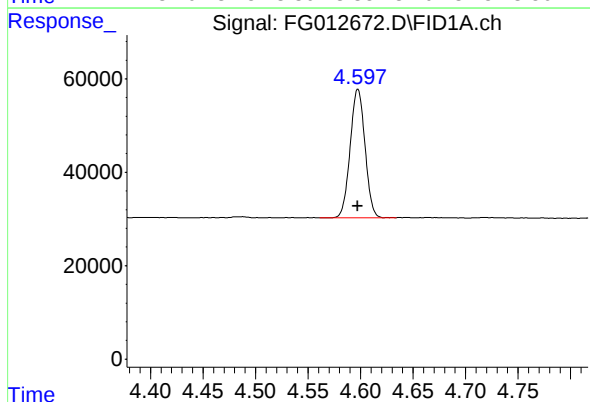
ClientSampleId :

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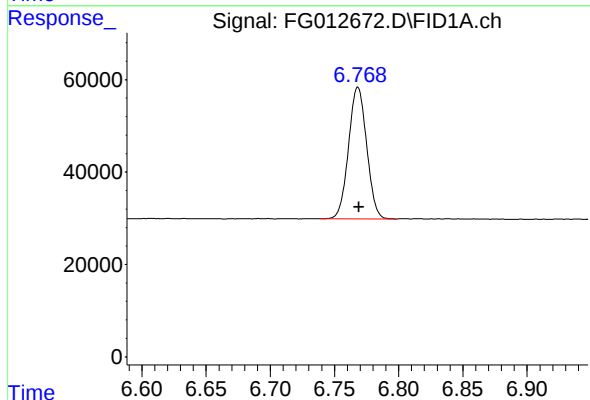
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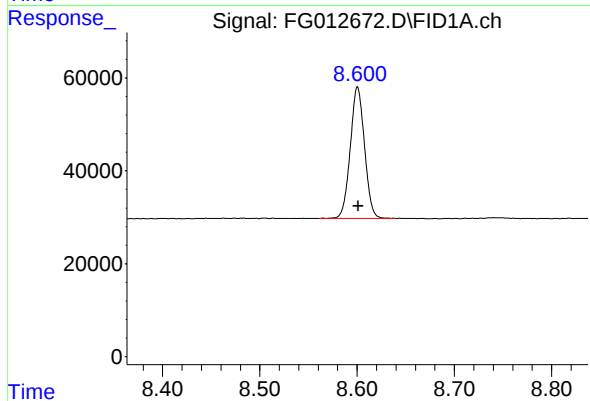
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 269592
Conc: 2.57 ug/ml



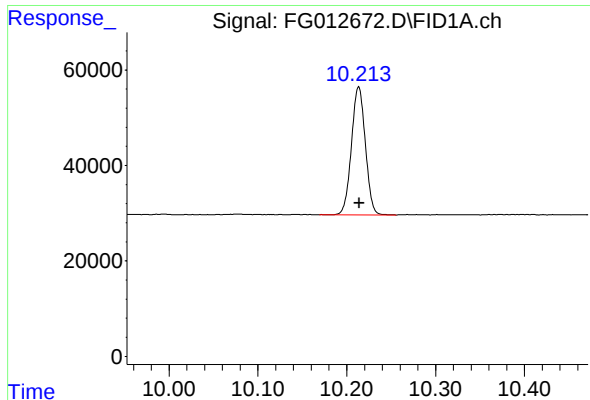
#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 280165
Conc: 2.62 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 288014
Conc: 2.68 ug/ml



#7 n-Hexadecane (C16)

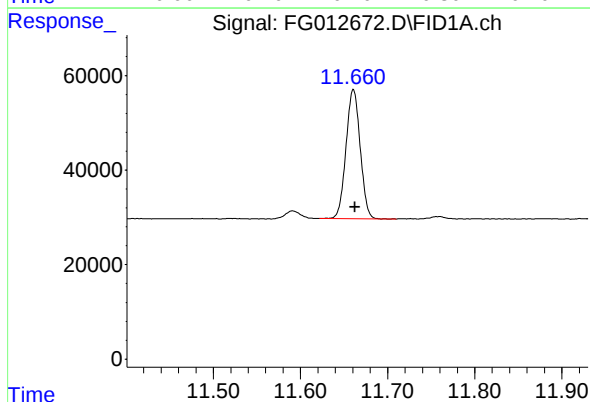
R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 291542
Conc: 2.68 ug/ml

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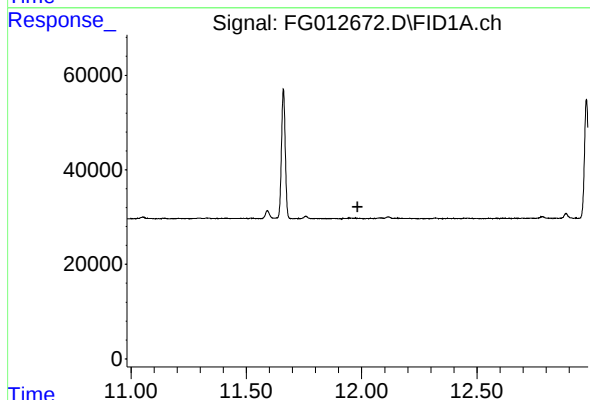
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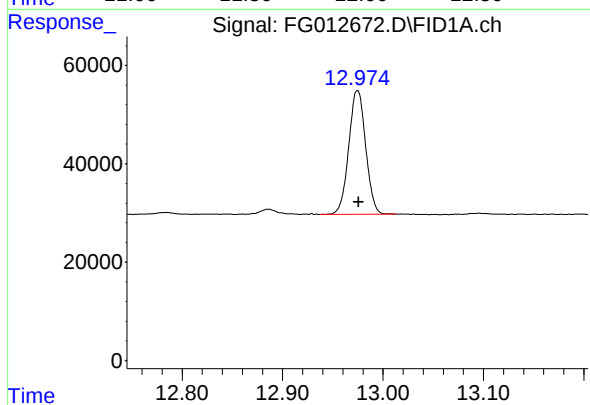
#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: -0.002 min
Response: 309716
Conc: 2.81 ug/ml



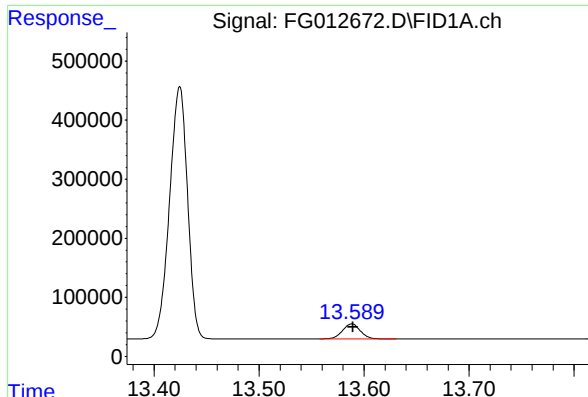
#9 ortho-Terphenyl (SURR)

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: 294875
Conc: 2.67 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 297860
Conc: 2.70 ug/ml

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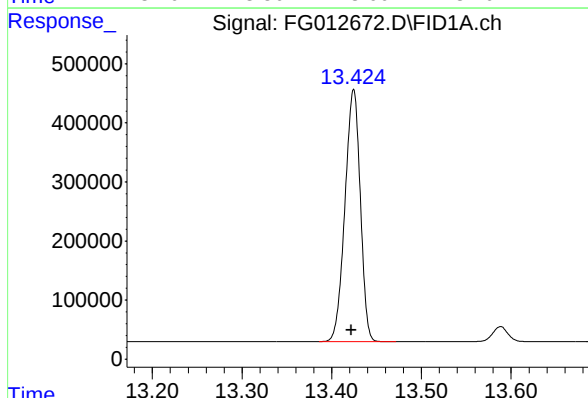
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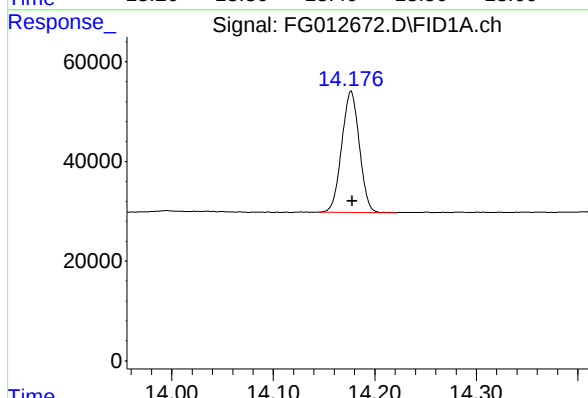
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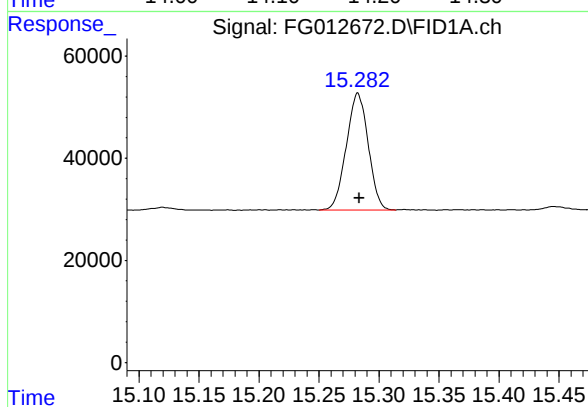
#12 1-chlorooctadecane (C18H35Cl)

R.T.: 13.425 min
Delta R.T.: 0.003 min
Response: 5075570
Conc: 48.66 ug/ml



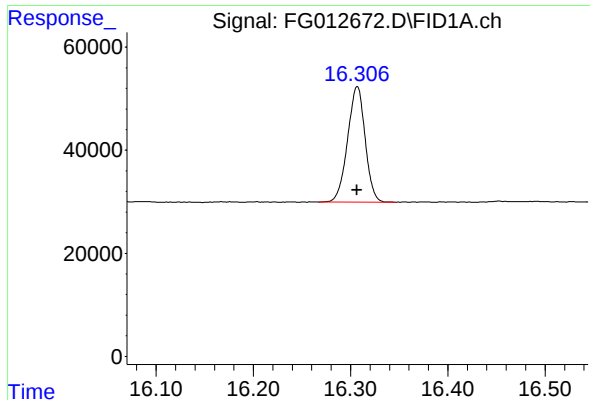
#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: -0.001 min
Response: 293476
Conc: 2.68 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: -0.001 min
Response: 290161
Conc: 2.69 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 281681
Conc: 2.68 ug/ml

Instrument :

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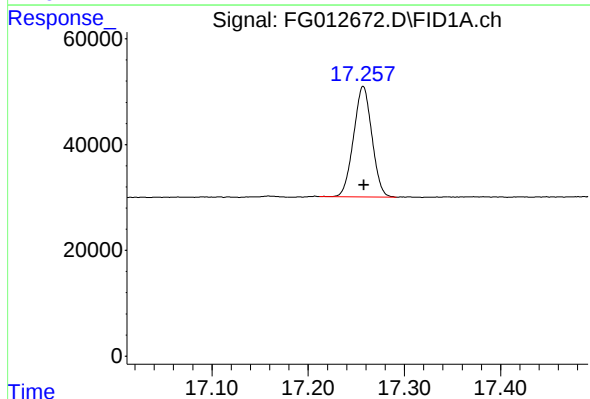
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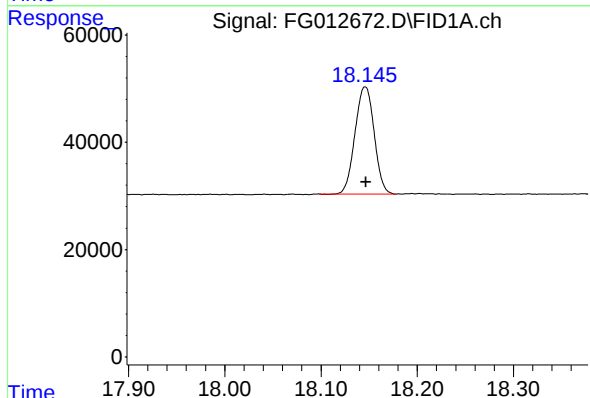
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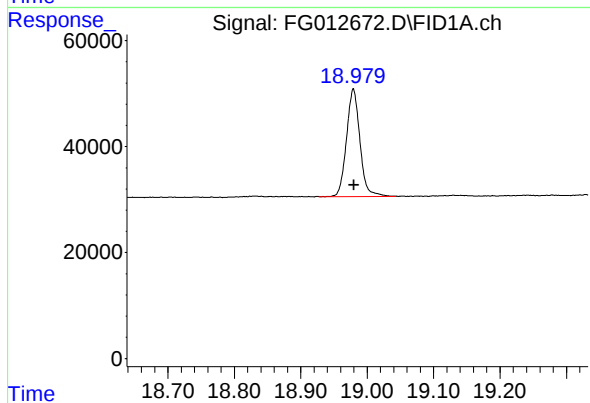
#16 n-Octacosane (C28)

R.T.: 17.257 min
Delta R.T.: 0.000 min
Response: 276871
Conc: 2.73 ug/ml



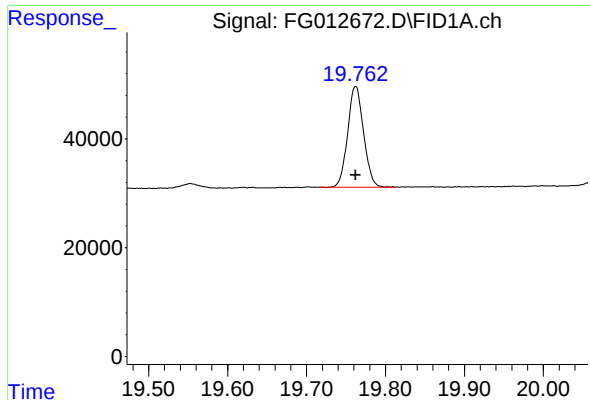
#17 n-Tricontane (C30)

R.T.: 18.146 min
Delta R.T.: -0.001 min
Response: 277638
Conc: 2.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: 0.000 min
Response: 284117
Conc: 2.87 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: 0.000 min
Response: 259256
Conc: 2.82 ug/ml

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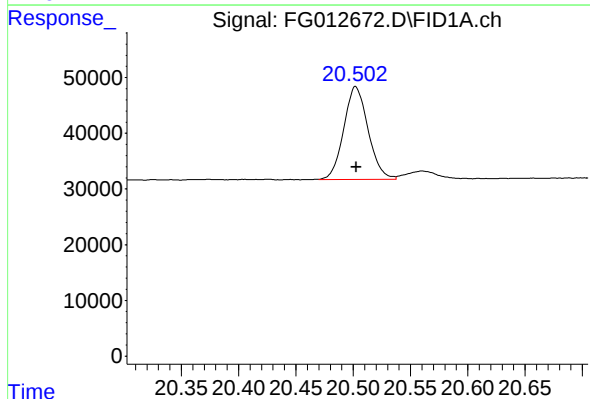
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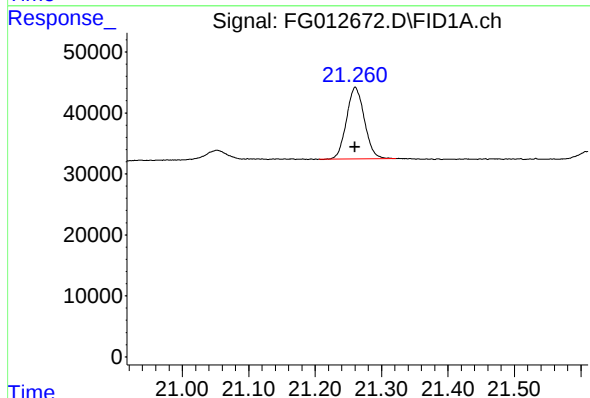
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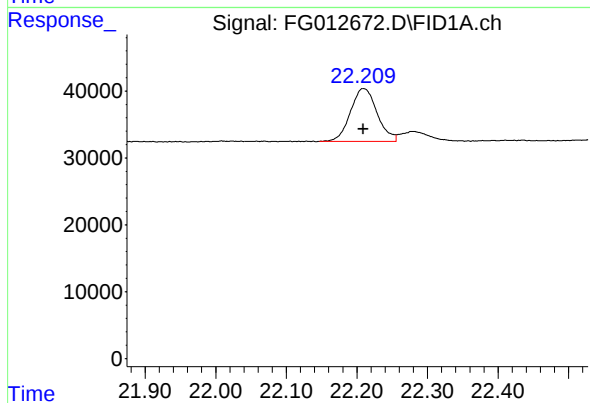
#20 n-Hexatriacontane (C36)

R.T.: 20.502 min
Delta R.T.: -0.001 min
Response: 244738
Conc: 2.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 220289
Conc: 2.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 207481
Conc: 2.54 ug/ml m