

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081123AL\
 Data File : FG012681.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2023 11:11
 Operator : YP\AJ
 Sample : 03572-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File: autoint1.e
 Quant Time: Aug 12 03:57:21 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	5461664	52.364 ug/ml
Spiked Amount 50.000		Recovery =	104.73%
Target Compounds			
1) T n-Nonane (C9)	3.345	272485	2.623 ug/ml
2) T n-Decane (C10)	4.597	268863	2.563 ug/ml
4) T n-Dodecane (C12)	6.768	279105	2.613 ug/ml
6) T n-Tetradecane (C14)	8.600	286394	2.665 ug/ml
7) T n-Hexadecane (C16)	10.213	292477	2.688 ug/ml
8) T n-Octadecane (C18)	11.659	316395	2.868 ug/ml
10) T n-Eicosane (C20)	12.973	314318	2.848 ug/ml
11) T n-Heneicosane (C21)	13.587	301415	2.731 ug/ml
13) T n-Docosane (C22)	14.175	335987	3.069 ug/ml
14) T n-Tetracosane (C24)	15.280	400816	3.715 ug/ml
15) T n-Hexacosane (C26)	16.304	444350	4.231 ug/ml
16) T n-Octacosane (C28)	17.255	497325	4.912 ug/ml
17) T n-Tricontane (C30)	18.145	550955	5.531 ug/ml
18) T n-Dotriacontane (C32)	18.978	518260	5.243 ug/ml
19) T n-Tetratriacontane (C34)	19.762	374469	4.070 ug/ml
20) T n-Hexatriacontane (C36)	20.501	305516	3.403 ug/mlm
21) T n-Octatriacontane (C38)	21.257	246951	2.908 ug/ml
22) T n-Tetracontane (C40)	22.204	224310	2.748 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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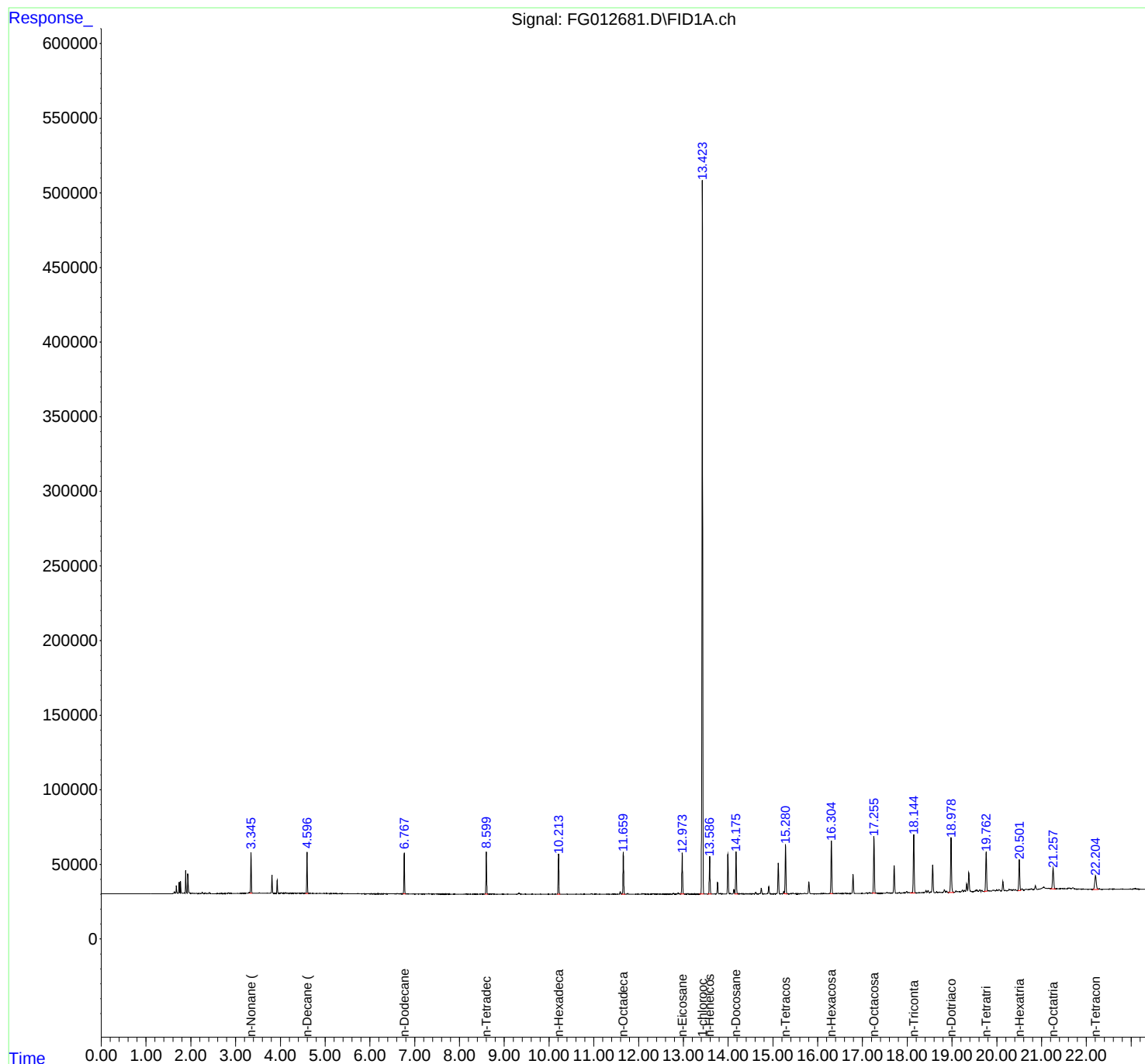
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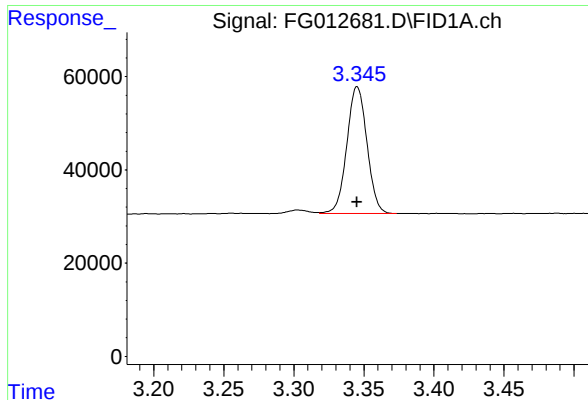
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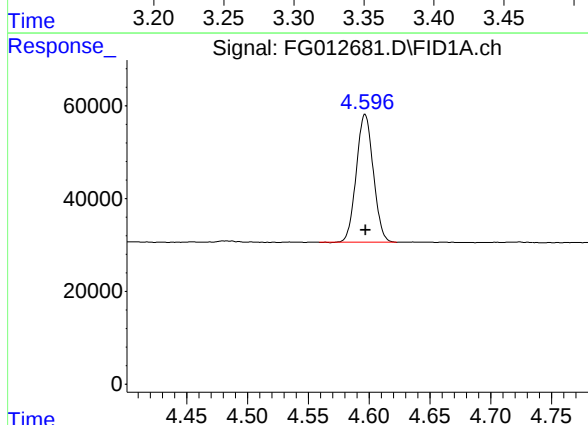
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 272485
Conc: 2.62 ug/ml

Instrument :
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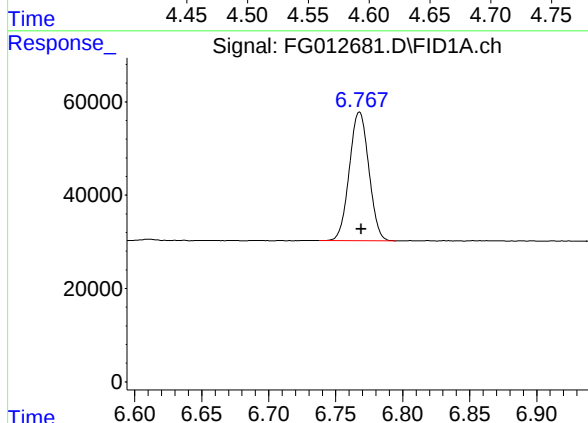
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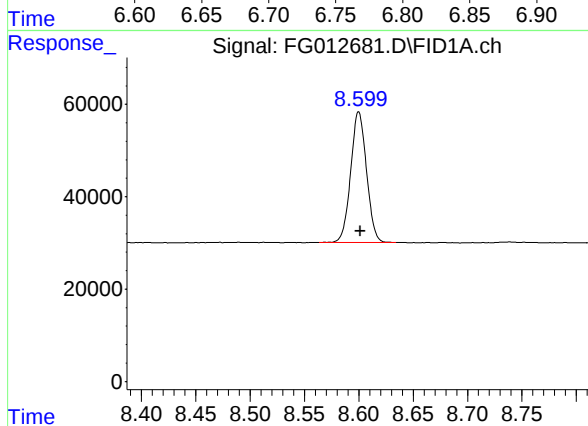
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 268863
Conc: 2.56 ug/ml



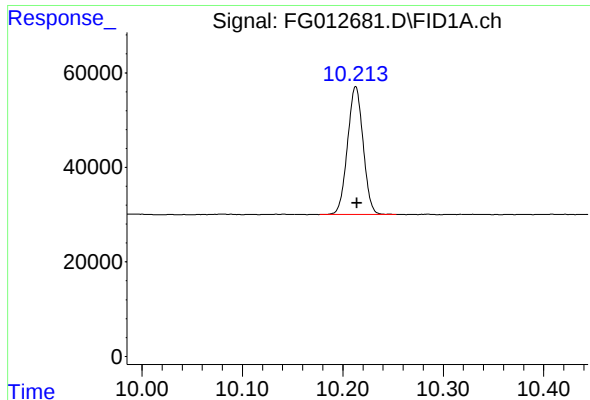
#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.001 min
Response: 279105
Conc: 2.61 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: -0.001 min
Response: 286394
Conc: 2.67 ug/ml



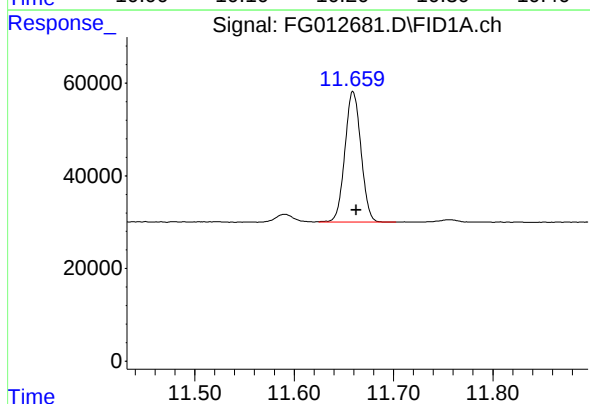
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.001 min
Response: 292477
Conc: 2.69 ug/ml

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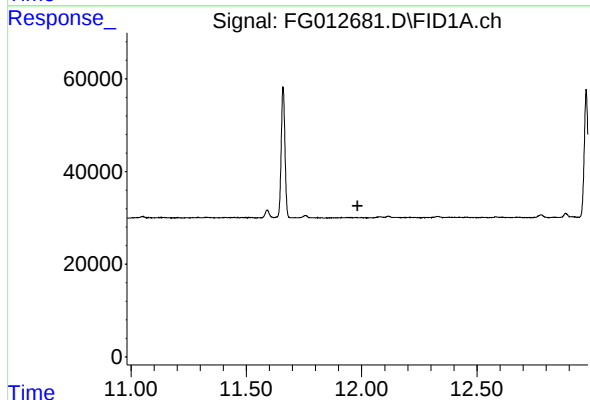
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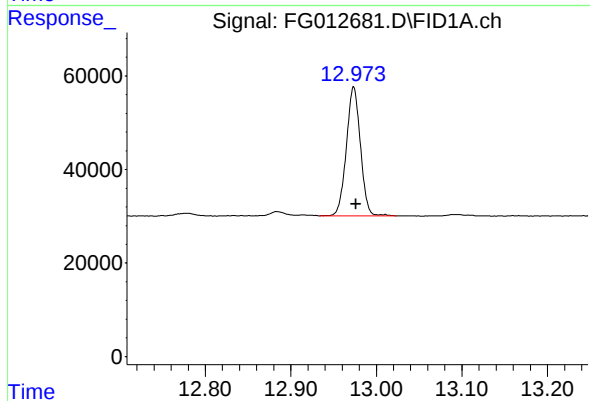
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 316395
Conc: 2.87 ug/ml



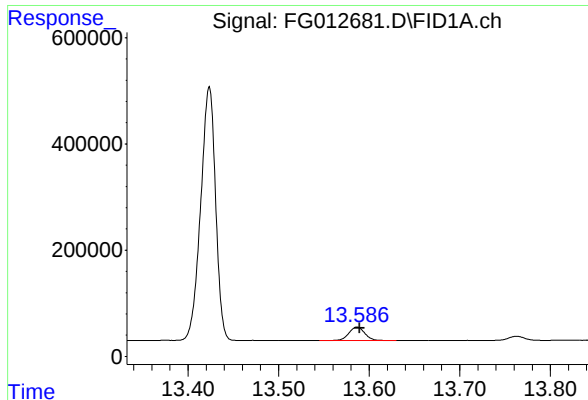
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: -0.002 min
Response: 314318
Conc: 2.85 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: -0.003 min
Response: 301415
Conc: 2.73 ug/ml

Instrument :

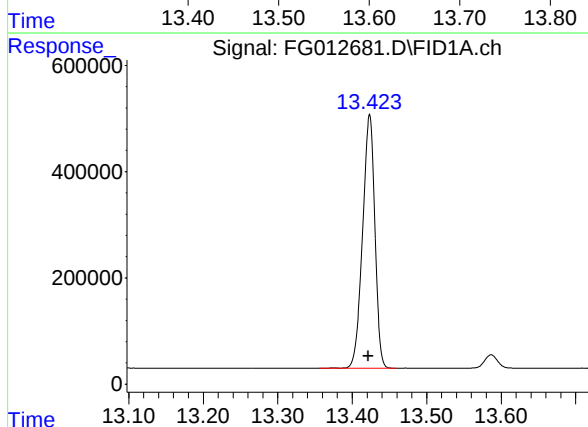
FID_G

ClientSampleId :

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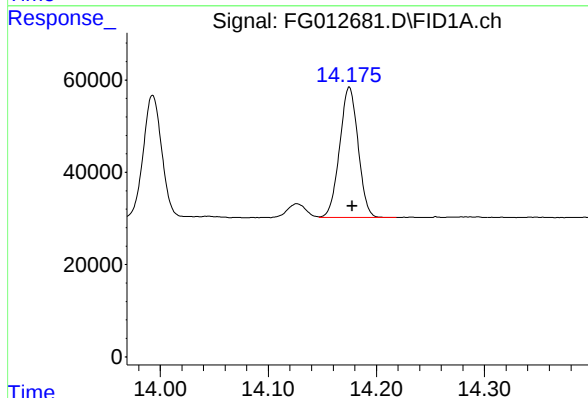
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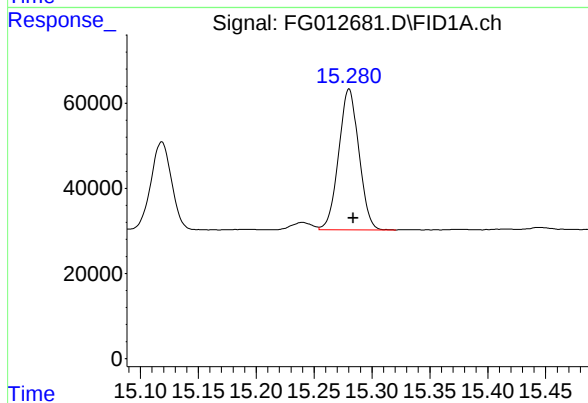
#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.002 min
Response: 5461664
Conc: 52.36 ug/ml



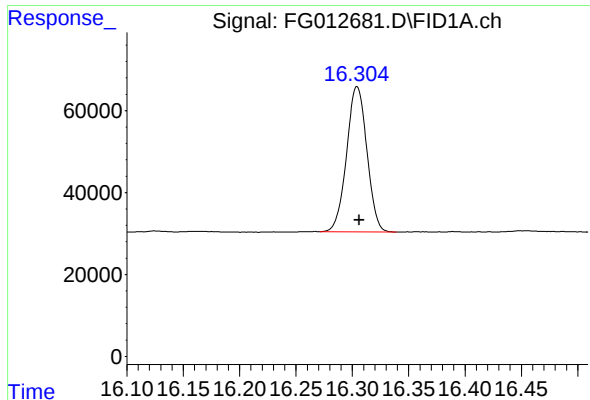
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: -0.003 min
Response: 335987
Conc: 3.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: -0.003 min
Response: 400816
Conc: 3.71 ug/ml



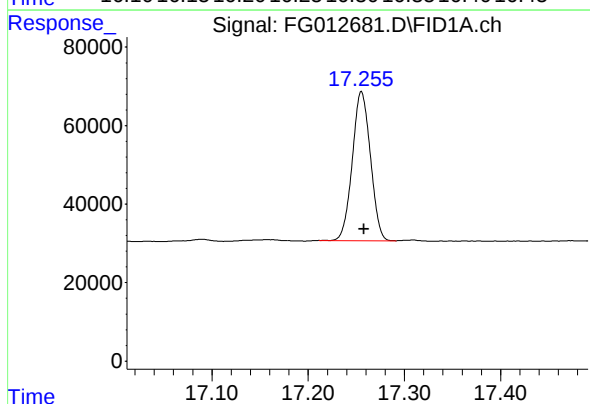
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: -0.002 min
Response: 444350
Conc: 4.23 ug/ml

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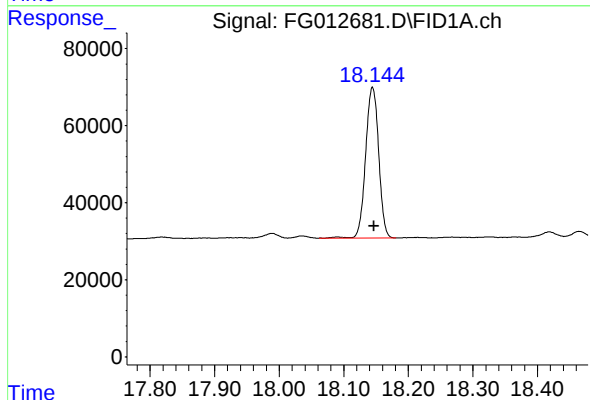
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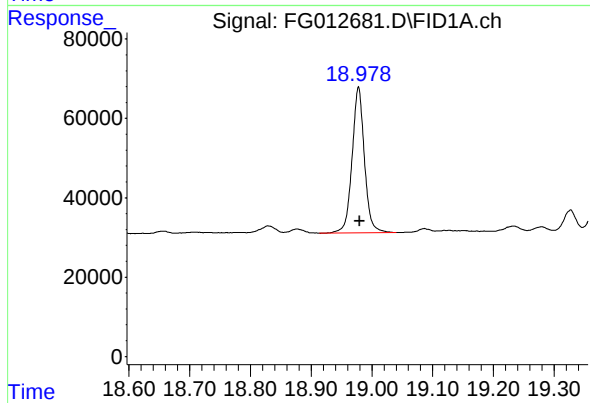
#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: -0.003 min
Response: 497325
Conc: 4.91 ug/ml



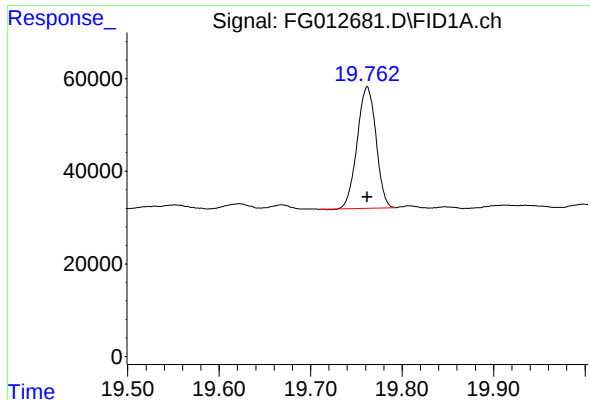
#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: -0.003 min
Response: 550955
Conc: 5.53 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: -0.002 min
Response: 518260
Conc: 5.24 ug/ml



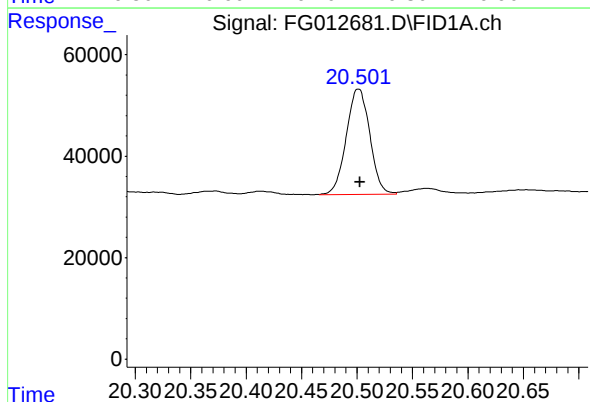
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: 0.000 min
Response: 374469
Conc: 4.07 ug/ml

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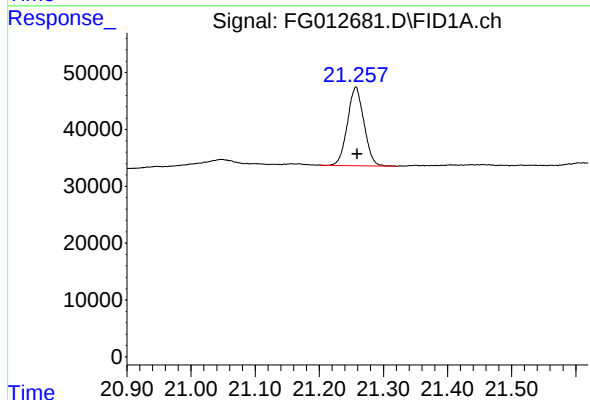
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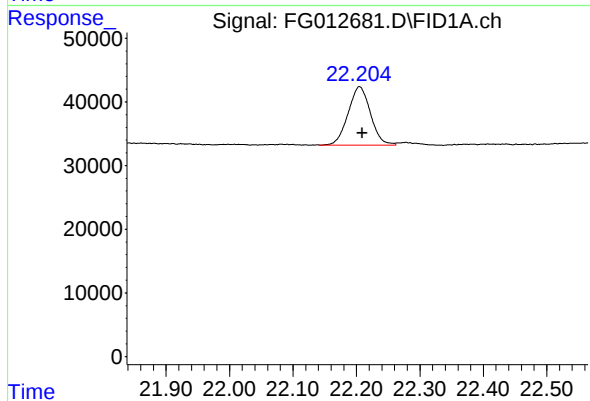
#20 n-Hexatriacontane (C36)

R.T.: 20.501 min
Delta R.T.: -0.001 min
Response: 305516
Conc: 3.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.257 min
Delta R.T.: -0.003 min
Response: 246951
Conc: 2.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.204 min
Delta R.T.: -0.006 min
Response: 224310
Conc: 2.75 ug/ml m