

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061323AL\
 Data File : FG012167.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2023 08:47
 Operator : YP\AJ
 Sample : 02213-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File: autoint1.e
 Quant Time: Jun 14 00:45:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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...	12.351	5147718	43.411 ug/ml
Spiked Amount 50.000		Recovery =	86.82%
Target Compounds			
1) T n-Nonane (C9)	2.750	163339	1.419 ug/ml
2) T n-Decane (C10)	3.760	204279	1.732 ug/ml
4) T n-Dodecane (C12)	5.750	257773	2.149 ug/ml
6) T n-Tetradecane (C14)	7.545	250601	2.064 ug/ml
7) T n-Hexadecane (C16)	9.147	269957	2.079 ug/ml
8) T n-Octadecane (C18)	10.590	309769	2.276 ug/ml
10) T n-Eicosane (C20)	11.902	326898	2.422 ug/ml
11) T n-Heneicosane (C21)	12.515	287465	2.139 ug/ml
13) T n-Docosane (C22)	13.102	332907	2.464 ug/ml
14) T n-Tetracosane (C24)	14.208	345960	2.542 ug/ml
15) T n-Hexacosane (C26)	15.231	332715	2.487 ug/ml
16) T n-Octacosane (C28)	16.183	322416	2.470 ug/ml
17) T n-Tricontane (C30)	17.070	356483	2.703 ug/ml
18) T n-Dotriacontane (C32)	17.905	372702	2.901 ug/ml
19) T n-Tetratriacontane (C34)	18.689	339166	2.768 ug/mlm
20) T n-Hexatriacontane (C36)	19.432	304466	2.617 ug/mlm
21) T n-Octatriacontane (C38)	20.170	277601	2.471 ug/mlm
22) T n-Tetracontane (C40)	21.089	251995	2.339 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 02213-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

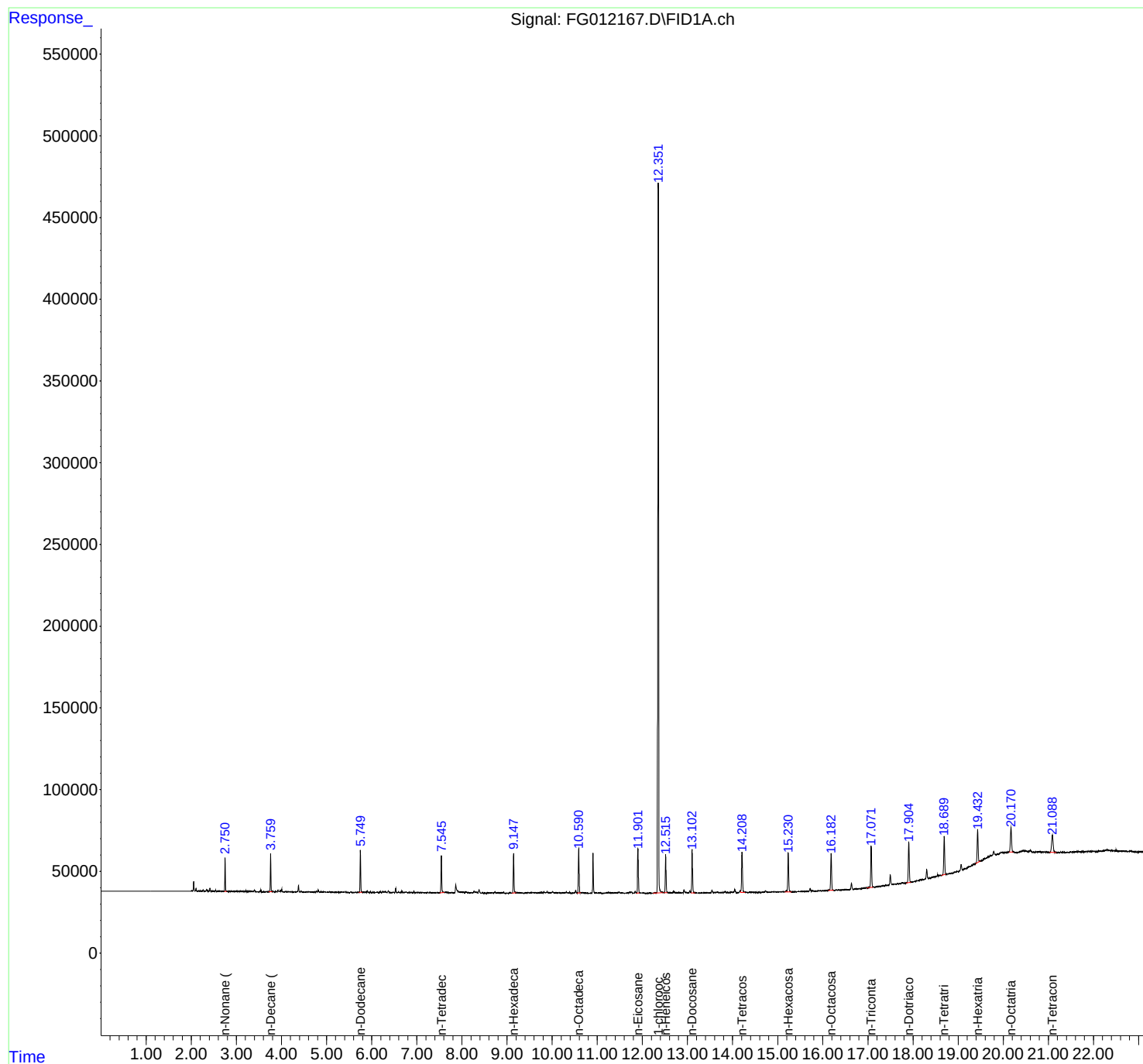
Instrument :
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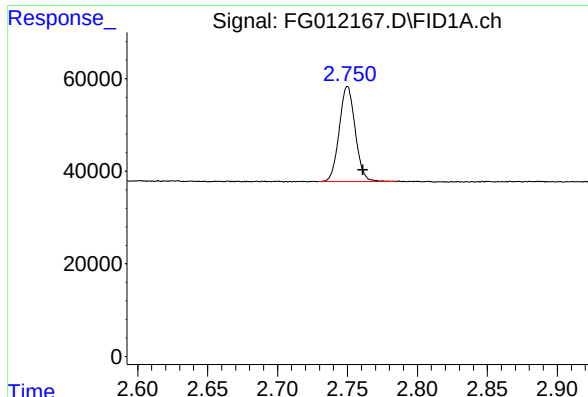
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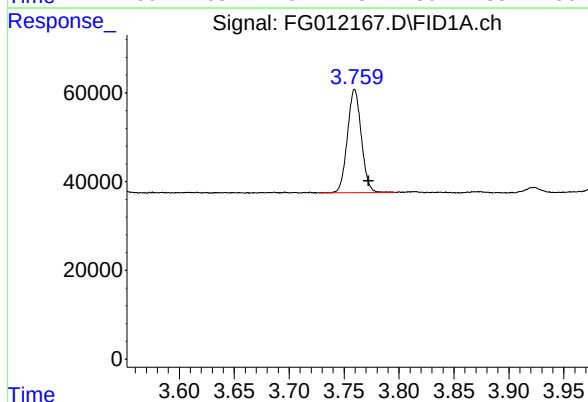
#1 n-Nonane (C9)

R.T.: 2.750 min
Delta R.T.: -0.011 min
Response: 163339
Conc: 1.42 ug/ml

Instrument :
FID_G
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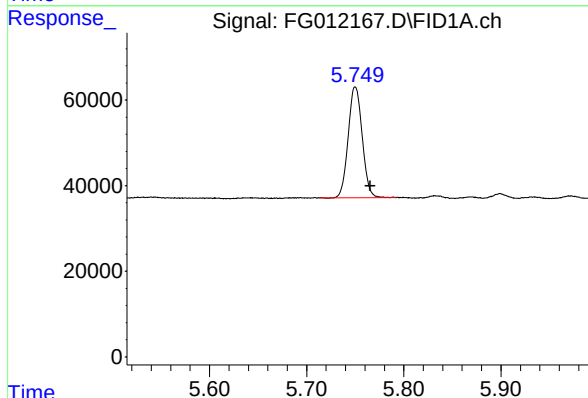
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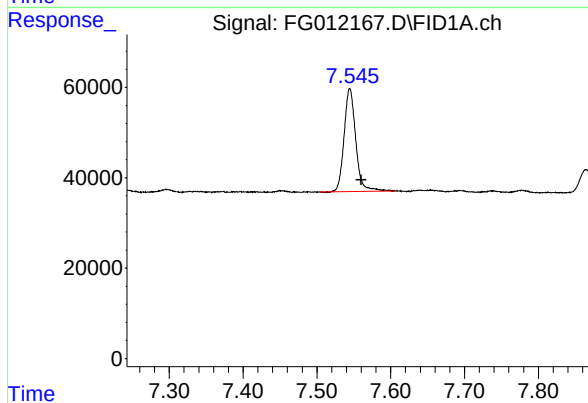
#2 n-Decane (C10)

R.T.: 3.760 min
Delta R.T.: -0.013 min
Response: 204279
Conc: 1.73 ug/ml



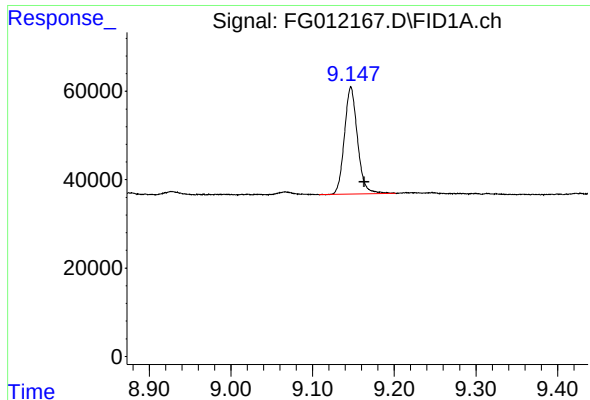
#4 n-Dodecane (C12)

R.T.: 5.750 min
Delta R.T.: -0.015 min
Response: 257773
Conc: 2.15 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.545 min
Delta R.T.: -0.015 min
Response: 250601
Conc: 2.06 ug/ml



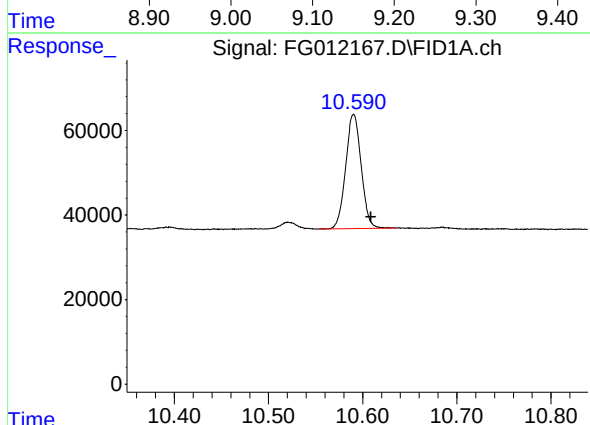
#7 n-Hexadecane (C16)

R.T.: 9.147 min
Delta R.T.: -0.016 min
Response: 269957
Conc: 2.08 ug/ml

Instrument :
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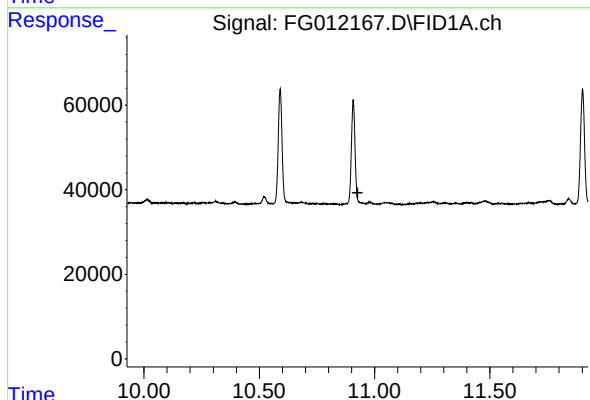
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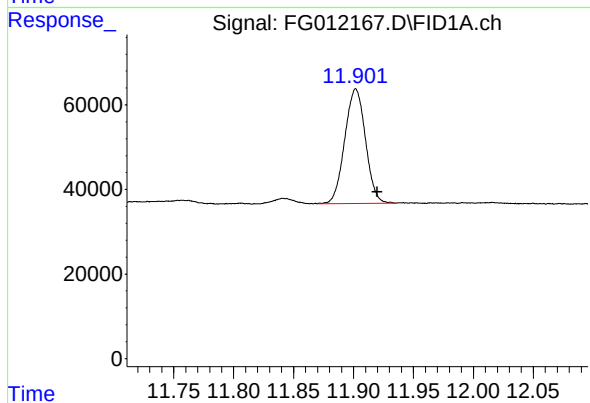
#8 n-Octadecane (C18)

R.T.: 10.590 min
Delta R.T.: -0.018 min
Response: 309769
Conc: 2.28 ug/ml



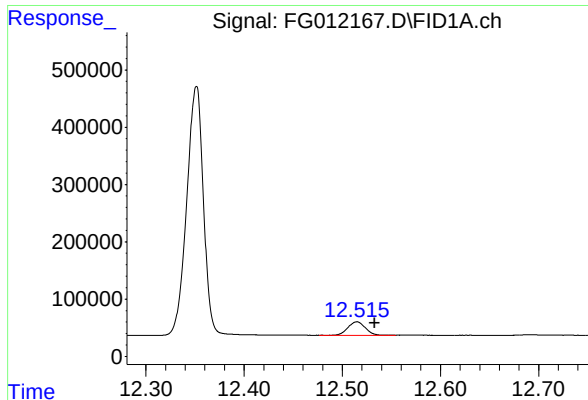
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.902 min
Delta R.T.: -0.018 min
Response: 326898
Conc: 2.42 ug/ml



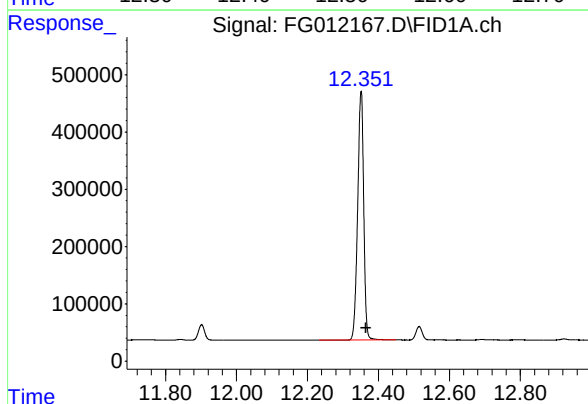
#11 n-Heneicosane (C21)

R.T.: 12.515 min
Delta R.T.: -0.018 min
Response: 287465
Conc: 2.14 ug/ml

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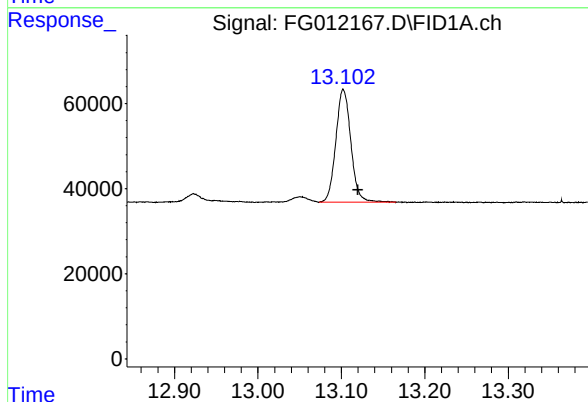
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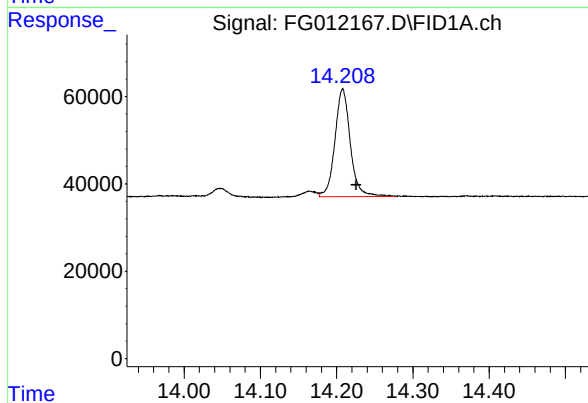
#12 1-chlorooctadecane (SURR)

R.T.: 12.351 min
Delta R.T.: -0.014 min
Response: 5147718
Conc: 43.41 ug/ml



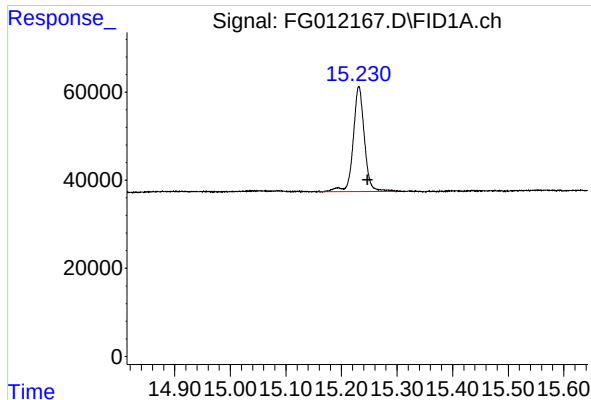
#13 n-Docosane (C22)

R.T.: 13.102 min
Delta R.T.: -0.018 min
Response: 332907
Conc: 2.46 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.208 min
Delta R.T.: -0.018 min
Response: 345960
Conc: 2.54 ug/ml



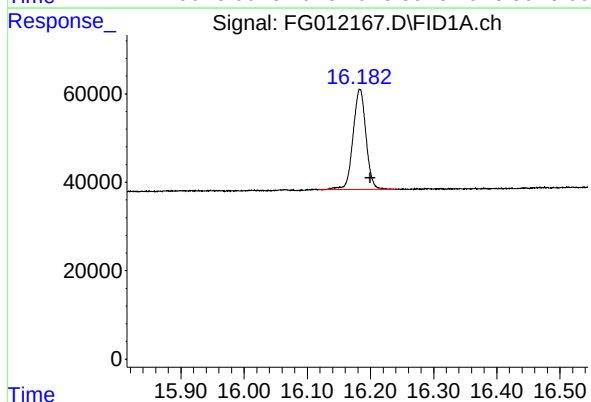
#15 n-Hexacosane (C26)

R.T.: 15.231 min
Delta R.T.: -0.016 min
Response: 332715
Conc: 2.49 ug/ml

Instrument :
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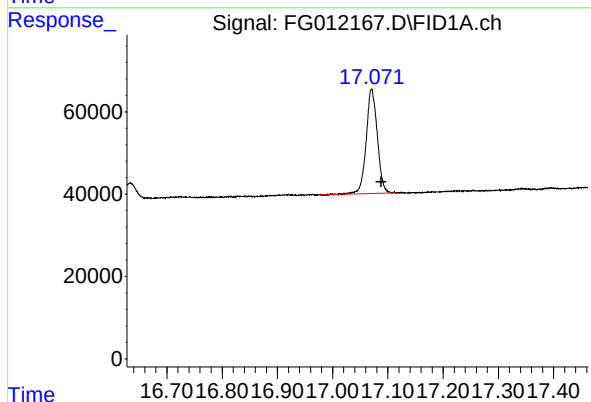
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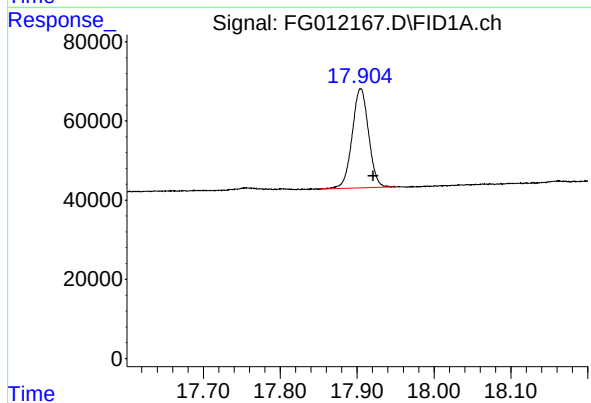
#16 n-Octacosane (C28)

R.T.: 16.183 min
Delta R.T.: -0.016 min
Response: 322416
Conc: 2.47 ug/ml



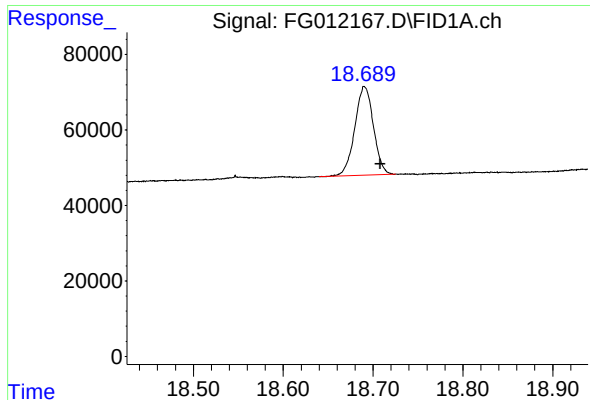
#17 n-Tricontane (C30)

R.T.: 17.070 min
Delta R.T.: -0.018 min
Response: 356483
Conc: 2.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.905 min
Delta R.T.: -0.017 min
Response: 372702
Conc: 2.90 ug/ml



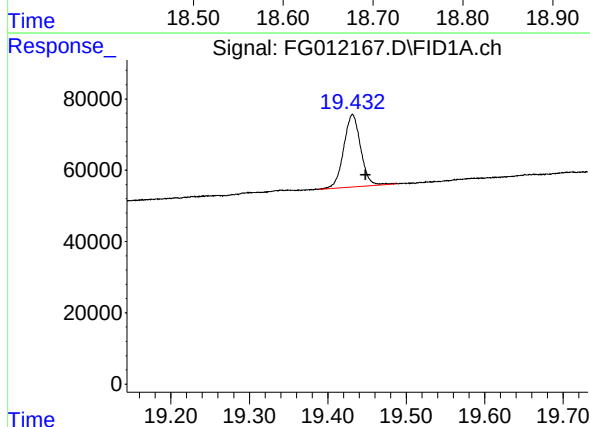
#19 n-Tetratriacontane (C34)

R.T.: 18.689 min
Delta R.T.: -0.019 min
Response: 339166
Conc: 2.77 ug/ml

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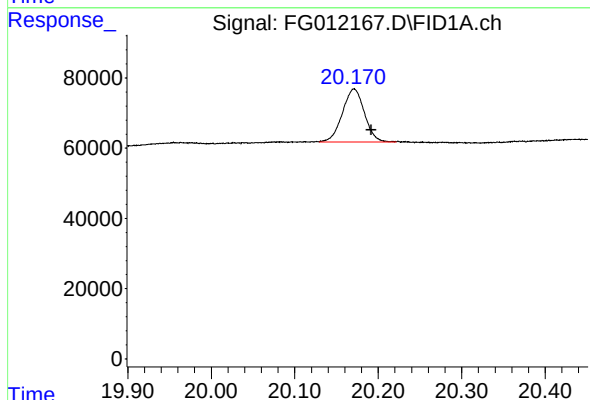
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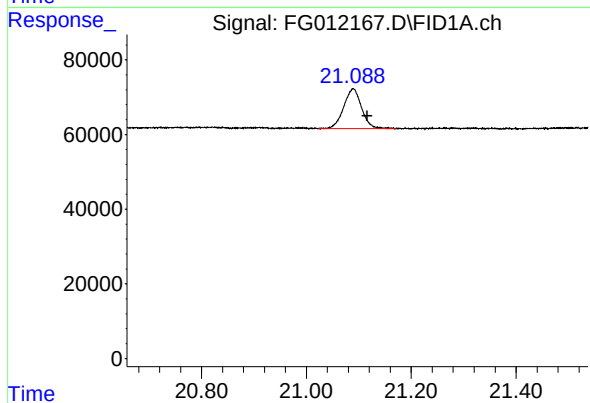
#20 n-Hexatriacontane (C36)

R.T.: 19.432 min
Delta R.T.: -0.017 min
Response: 304466
Conc: 2.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.170 min
Delta R.T.: -0.021 min
Response: 277601
Conc: 2.47 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.089 min
Delta R.T.: -0.027 min
Response: 251995
Conc: 2.34 ug/ml