

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080524AL\
 Data File : FG014059.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2024 11:53
 Operator : YP\AJ
 Sample : P3390-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 04:46:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 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			
12) S 1-chlorooctadecane (S...	13.290	5720430	56.605 ug/ml
Spiked Amount 50.000		Recovery =	113.21%
Target Compounds			
1) T n-Nonane (C9)	3.217	210335	1.614 ug/ml
2) T n-Decane (C10)	4.467	261325	1.968 ug/ml
4) T n-Dodecane (C12)	6.639	415668	3.136 ug/ml
6) T n-Tetradecane (C14)	8.471	374485	2.886 ug/ml
7) T n-Hexadecane (C16)	10.082	337747	2.566 ug/ml
8) T n-Octadecane (C18)	11.528	362238	2.763 ug/ml
10) T n-Eicosane (C20)	12.842	366296	2.952 ug/ml
11) T n-Heneicosane (C21)	13.455	329193	2.713 ug/ml
13) T n-Docosane (C22)	14.042	372849	3.106 ug/ml
14) T n-Tetracosane (C24)	15.149	401537	3.387 ug/ml
15) T n-Hexacosane (C26)	16.173	408541	3.513 ug/ml
16) T n-Octacosane (C28)	17.127	412702	3.622 ug/ml
17) T n-Tricontane (C30)	18.015	438711	3.786 ug/ml
18) T n-Dotriacontane (C32)	18.849	422363	3.688 ug/ml
19) T n-Tetratriacontane (C34)	19.636	382342	3.369 ug/ml
20) T n-Hexatriacontane (C36)	20.379	344596	3.078 ug/ml
21) T n-Octatriacontane (C38)	21.111	320089	2.766 ug/ml
22) T n-Tetracontane (C40)	22.012	307272	2.641 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.ch
Acq On : 05 Aug 2024 11:53
Operator : YP\AJ
Sample : P3390-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

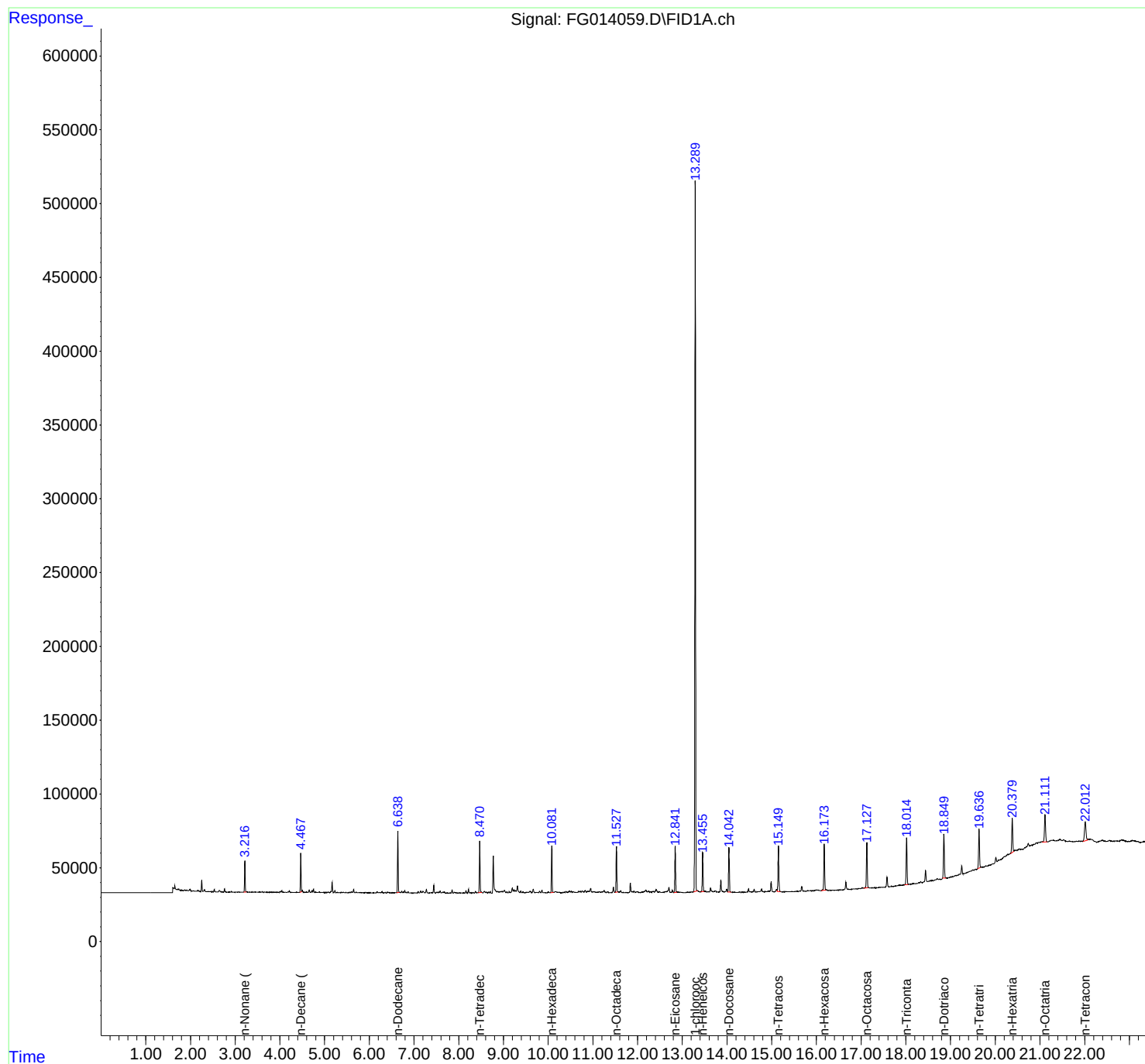
Instrument :
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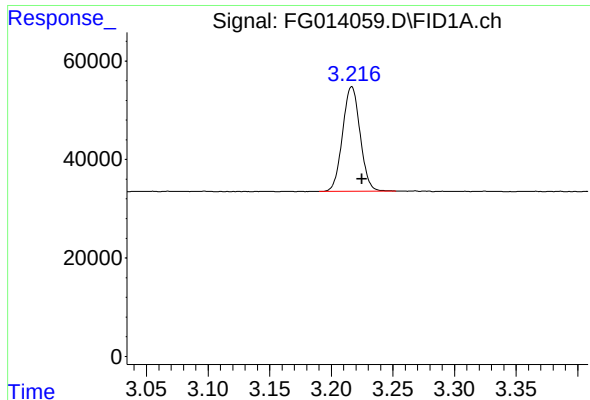
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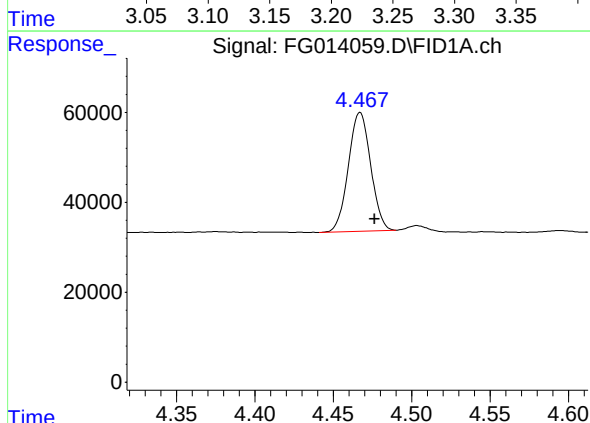
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.008 min
Response: 210335
Conc: 1.61 ug/ml

Instrument :
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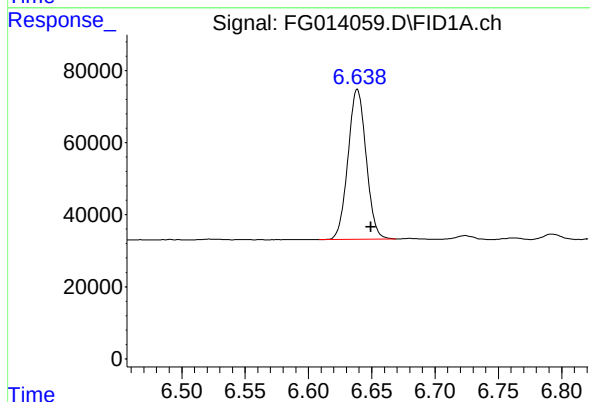
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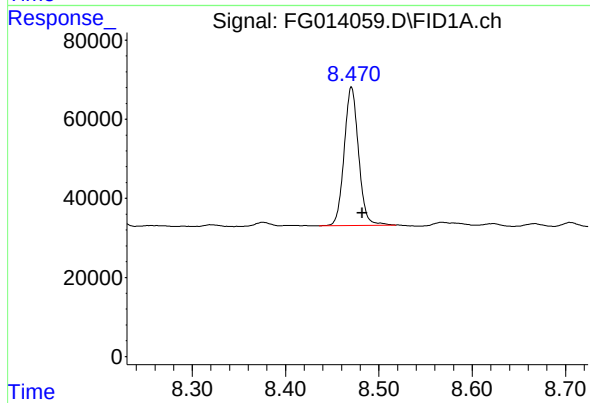
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.009 min
Response: 261325
Conc: 1.97 ug/ml



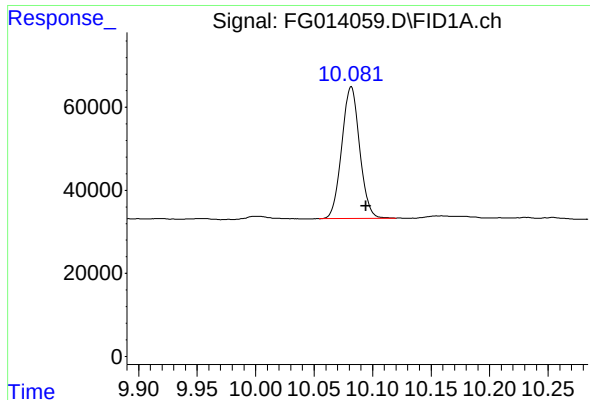
#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.011 min
Response: 415668
Conc: 3.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 374485
Conc: 2.89 ug/ml



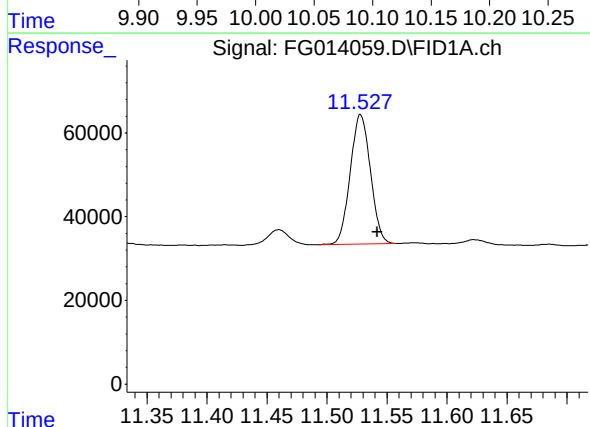
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.013 min
Response: 337747
Conc: 2.57 ug/ml

Instrument :
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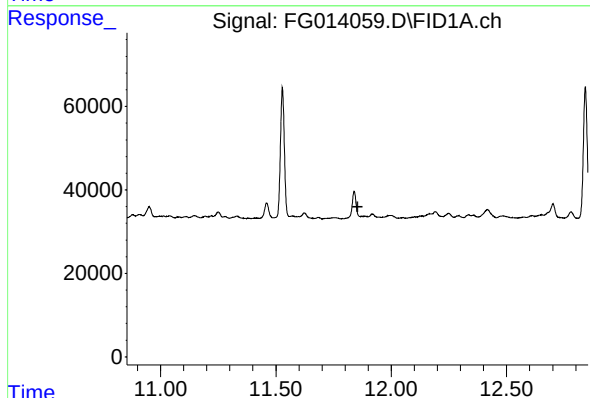
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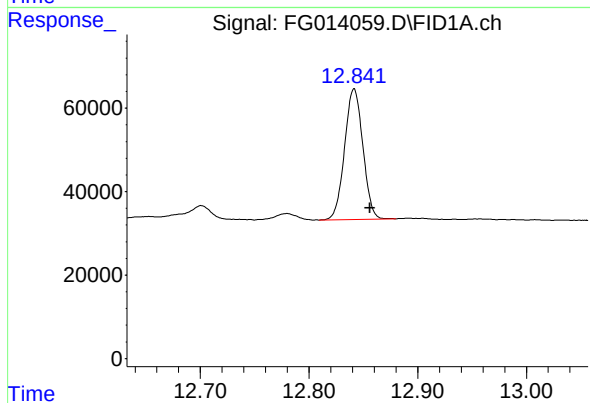
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.014 min
Response: 362238
Conc: 2.76 ug/ml



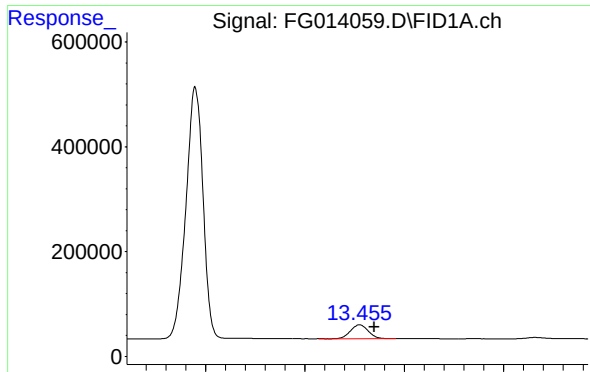
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.854 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.014 min
Response: 366296
Conc: 2.95 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.015 min
Response: 329193
Conc: 2.71 ug/ml

Instrument :

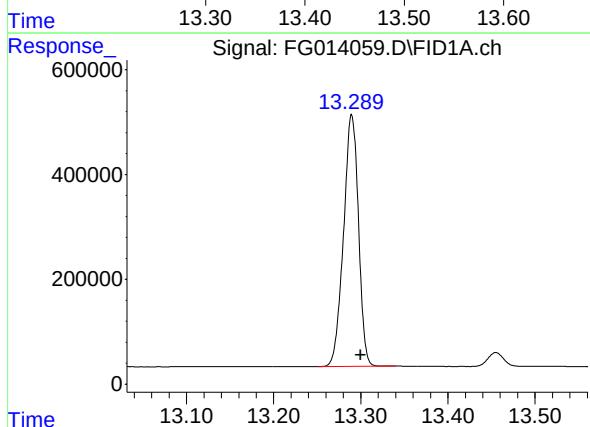
FID_G

ClientSampleId :

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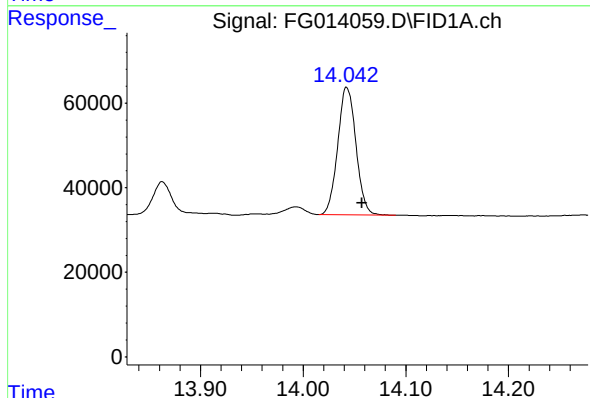
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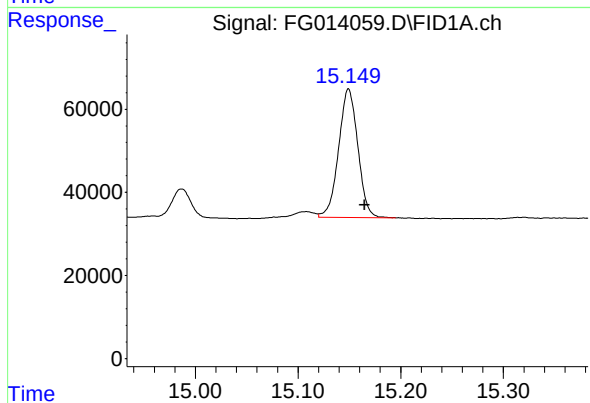
#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.010 min
Response: 5720430
Conc: 56.60 ug/ml



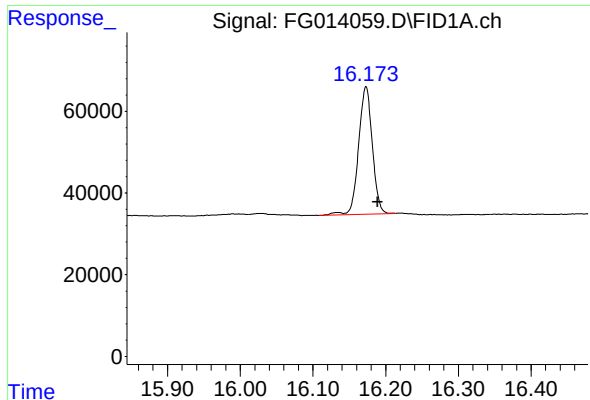
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.015 min
Response: 372849
Conc: 3.11 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 401537
Conc: 3.39 ug/ml



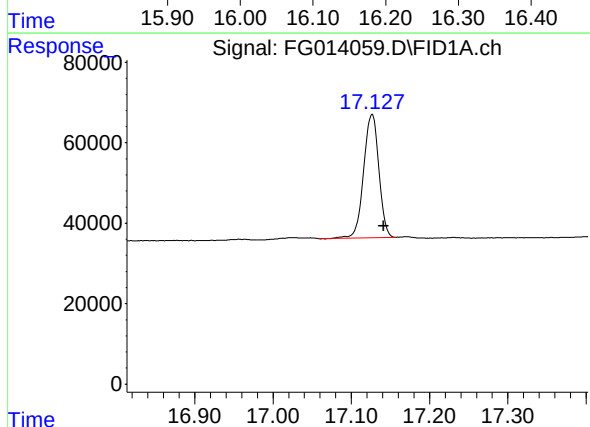
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.016 min
Response: 408541
Conc: 3.51 ug/ml

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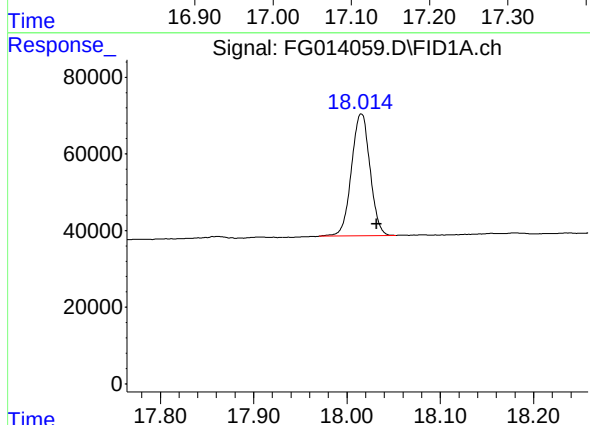
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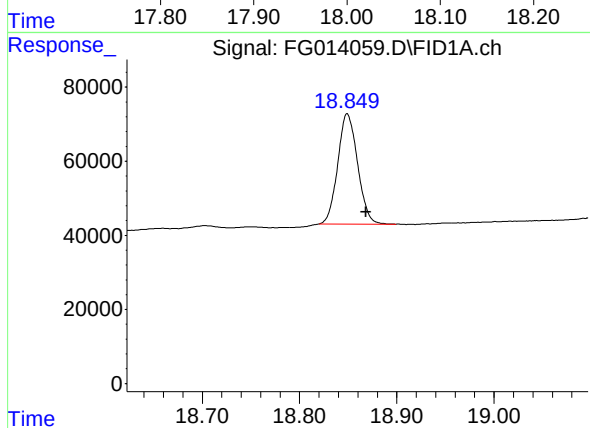
#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.015 min
Response: 412702
Conc: 3.62 ug/ml



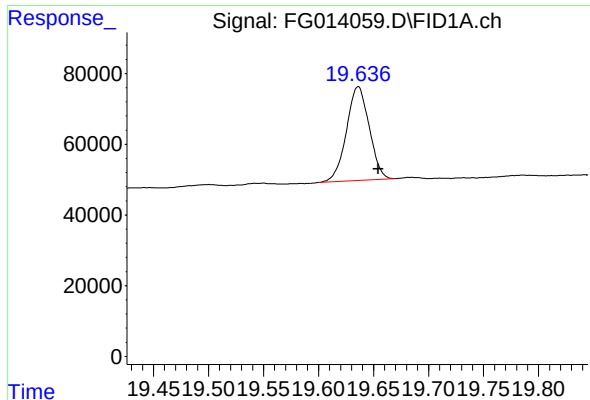
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.016 min
Response: 438711
Conc: 3.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.019 min
Response: 422363
Conc: 3.69 ug/ml



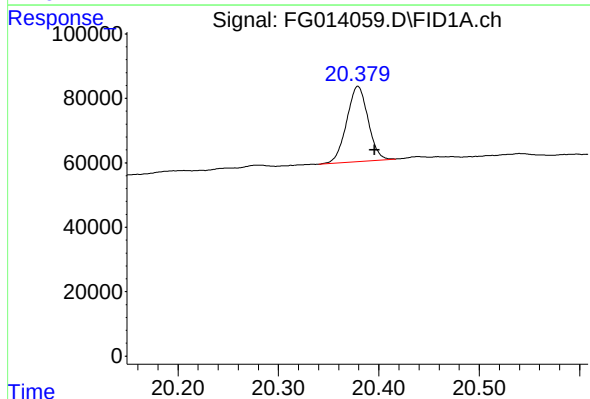
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.018 min
Response: 382342
Conc: 3.37 ug/ml

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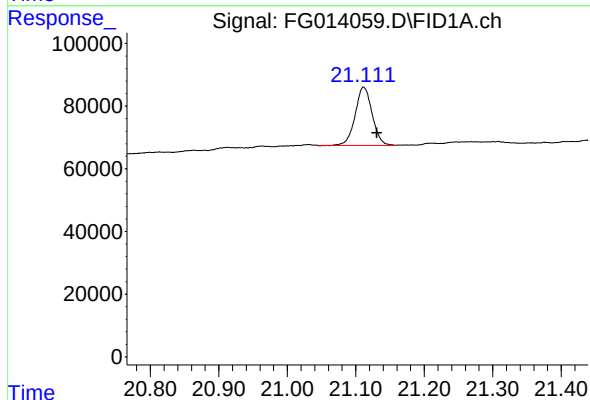
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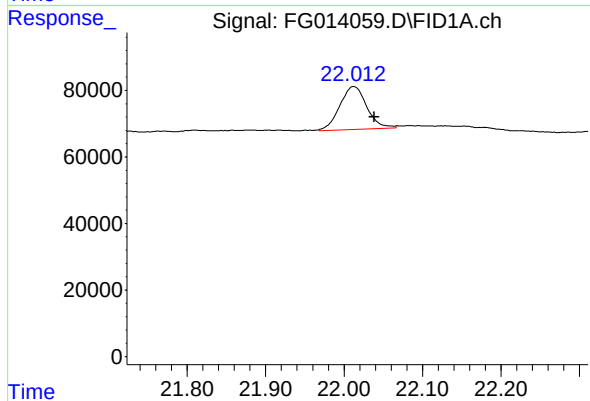
#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.017 min
Response: 344596
Conc: 3.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.020 min
Response: 320089
Conc: 2.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: -0.027 min
Response: 307272
Conc: 2.64 ug/ml m