

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013055.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 18:16
 Operator : YP\AJ
 Sample : 04699-07
 Misc : 4PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 23:50:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 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...	13.433	3479925	34.531 ug/ml
Spiked Amount 50.000		Recovery =	69.06%
Target Compounds			
1) T n-Nonane (C9)	3.345	297214	2.488 ug/ml
2) T n-Decane (C10)	4.598	375627	3.081 ug/ml
4) T n-Dodecane (C12)	6.772	444229	3.644 ug/ml
6) T n-Tetradecane (C14)	8.606	414579	3.465 ug/ml
7) T n-Hexadecane (C16)	10.221	423486	3.461 ug/ml
8) T n-Octadecane (C18)	11.669	441873	3.609 ug/ml
10) T n-Eicosane (C20)	12.984	459772	3.938 ug/ml
11) T n-Heneicosane (C21)	13.597	441347	3.865 ug/ml
13) T n-Docosane (C22)	14.186	445804	3.928 ug/ml
14) T n-Tetracosane (C24)	15.292	453896	4.010 ug/ml
15) T n-Hexacosane (C26)	16.316	441181	3.979 ug/ml
16) T n-Octacosane (C28)	17.268	452758	4.127 ug/ml
17) T n-Tricontane (C30)	18.158	483589	4.223 ug/ml
18) T n-Dotriacontane (C32)	18.991	493485	4.299 ug/ml
19) T n-Tetratriacontane (C34)	19.776	455191	4.068 ug/ml
20) T n-Hexatriacontane (C36)	20.516	434602	3.811 ug/mlm
21) T n-Octatriacontane (C38)	21.275	441907	3.852 ug/ml
22) T n-Tetracontane (C40)	22.226	413950	3.576 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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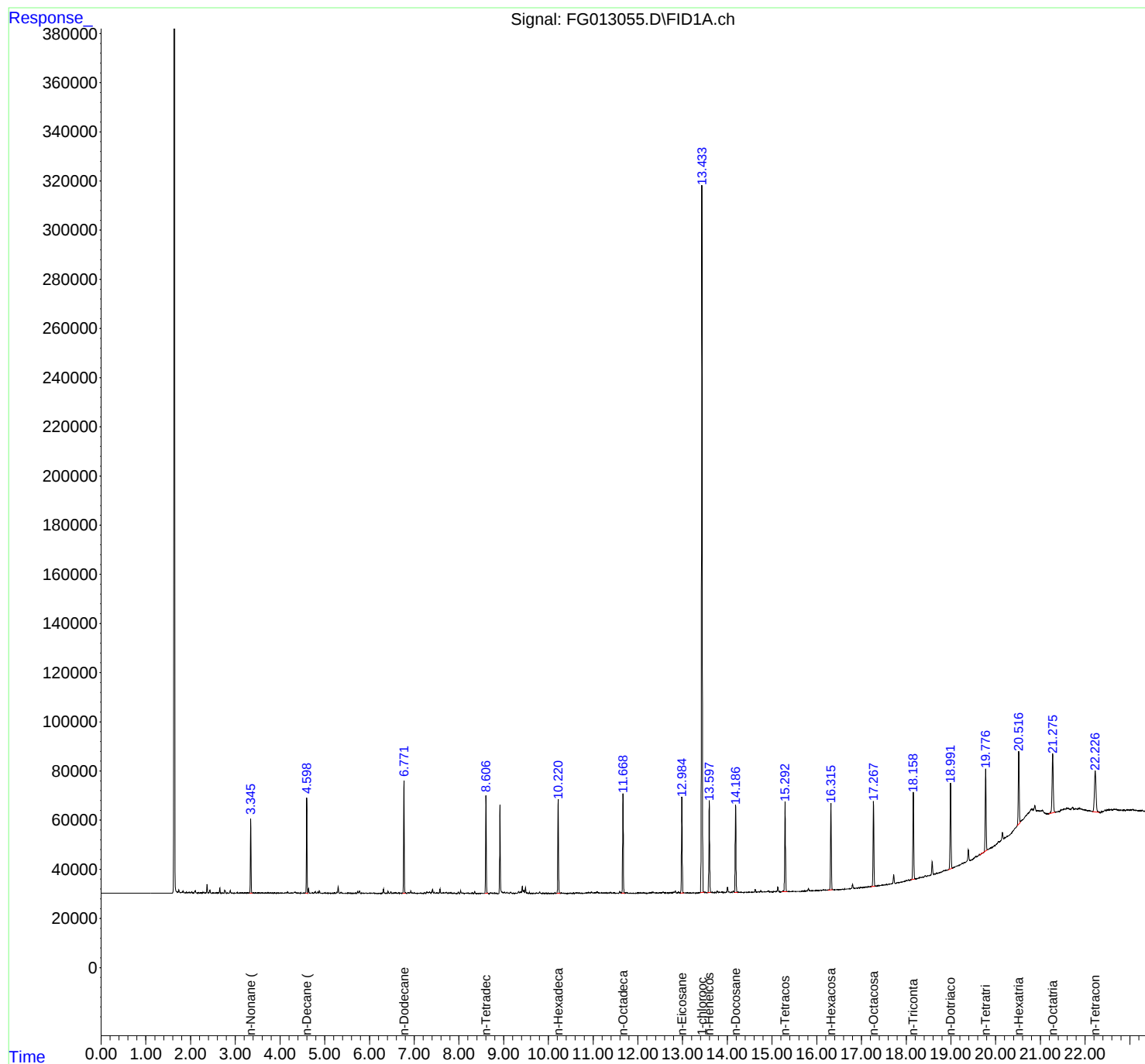
Instrument :
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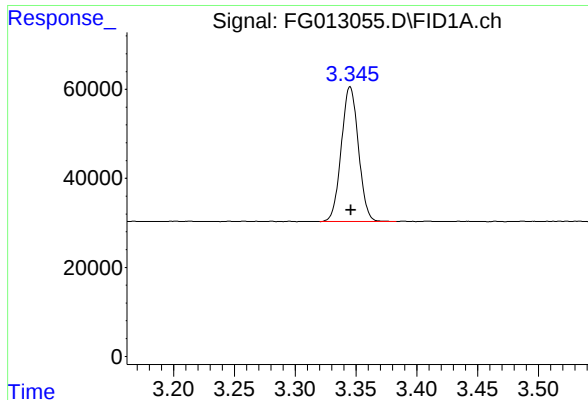
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#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 297214
Conc: 2.49 ug/ml

Instrument :

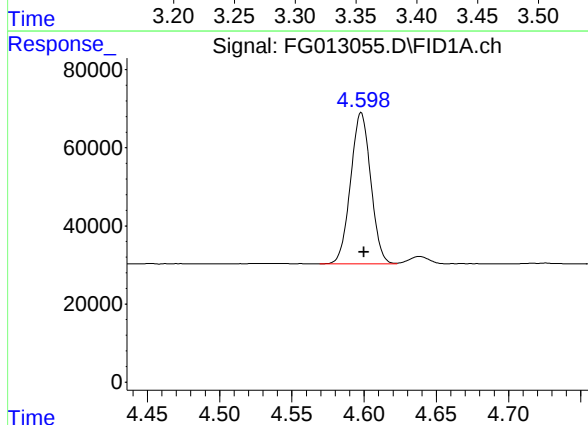
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ClientSampleId :

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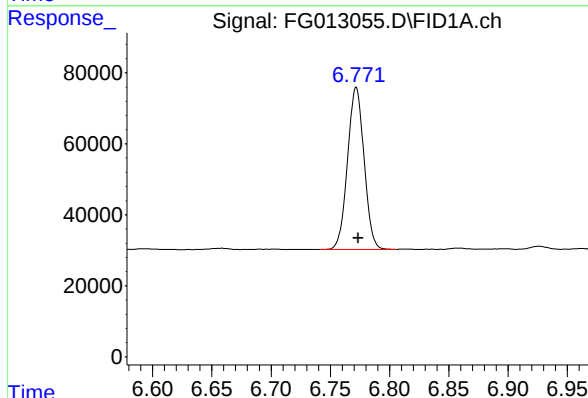
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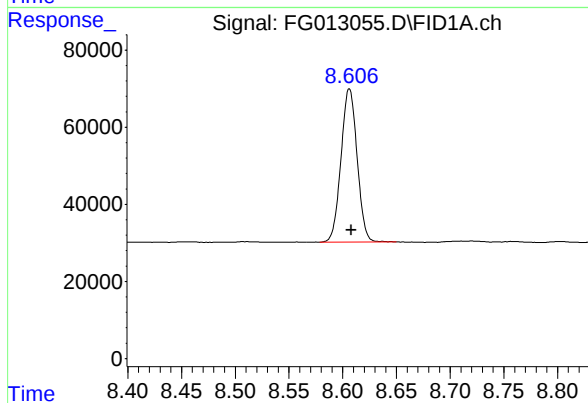
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 375627
Conc: 3.08 ug/ml



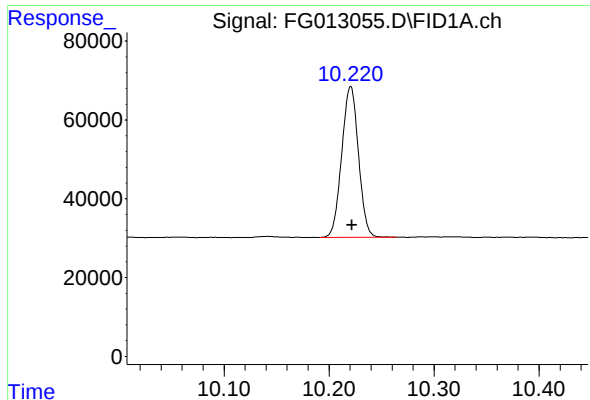
#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 444229
Conc: 3.64 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 414579
Conc: 3.47 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: -0.001 min
Response: 423486
Conc: 3.46 ug/ml

Instrument :

FID_G

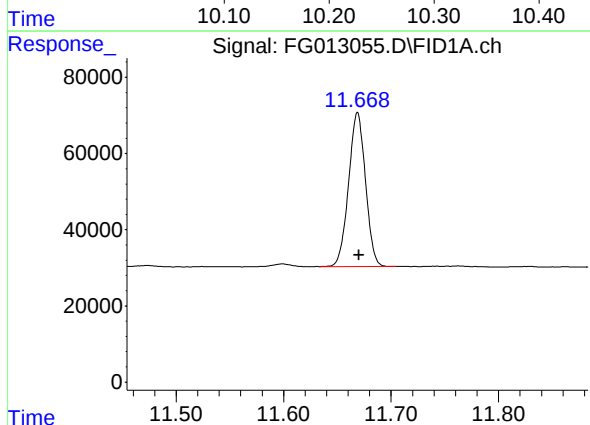
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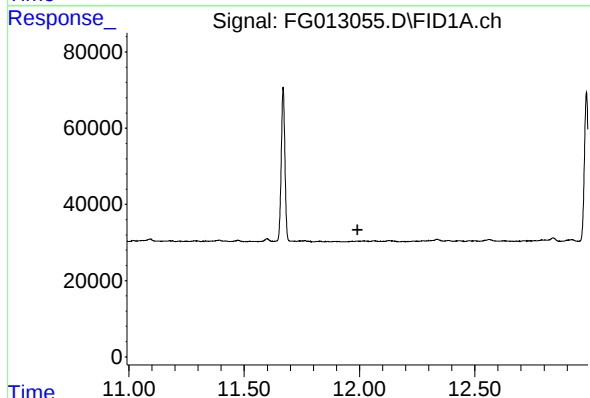
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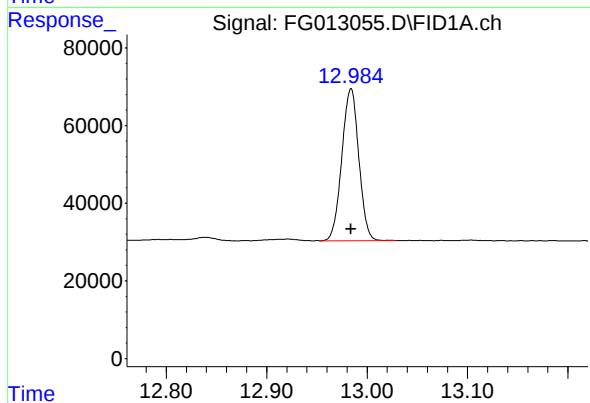
#8 n-Octadecane (C18)

R.T.: 11.669 min
Delta R.T.: -0.001 min
Response: 441873
Conc: 3.61 ug/ml



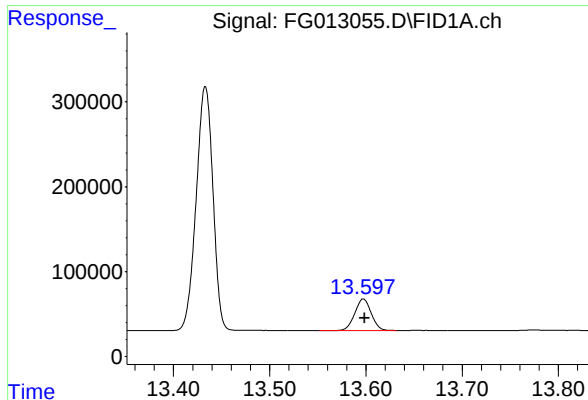
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.991 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 459772
Conc: 3.94 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.597 min
Delta R.T.: -0.001 min
Response: 441347
Conc: 3.86 ug/ml

Instrument :

FID_G

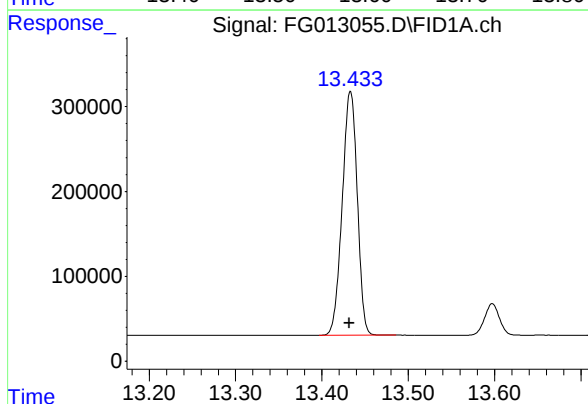
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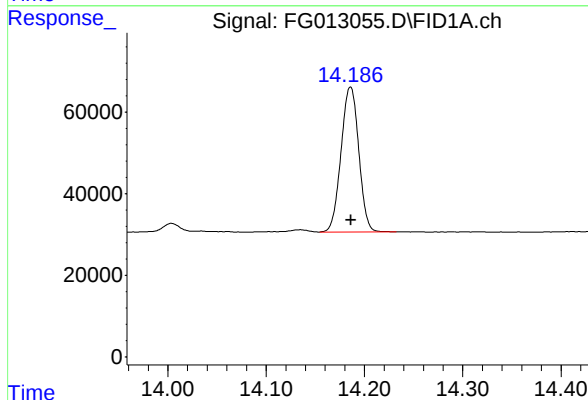
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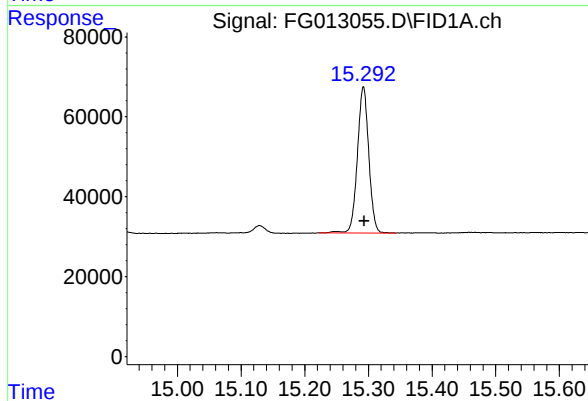
#12 1-chlorooctadecane (SURR)

R.T.: 13.433 min
Delta R.T.: 0.001 min
Response: 3479925
Conc: 34.53 ug/ml



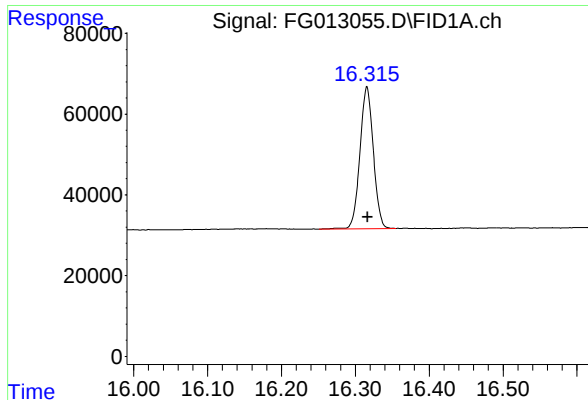
#13 n-Docosane (C22)

R.T.: 14.186 min
Delta R.T.: 0.000 min
Response: 445804
Conc: 3.93 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.292 min
Delta R.T.: -0.001 min
Response: 453896
Conc: 4.01 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.316 min
Delta R.T.: -0.001 min
Response: 441181
Conc: 3.98 ug/ml

Instrument :

FID_G

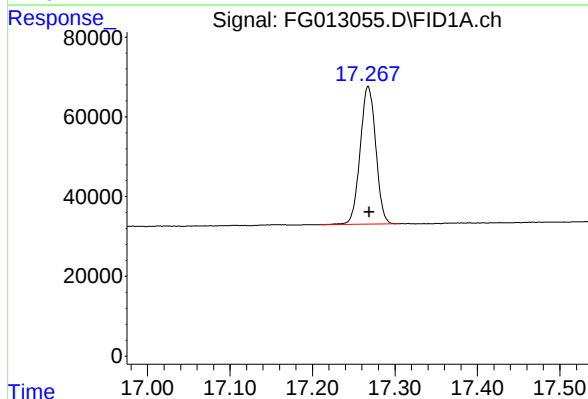
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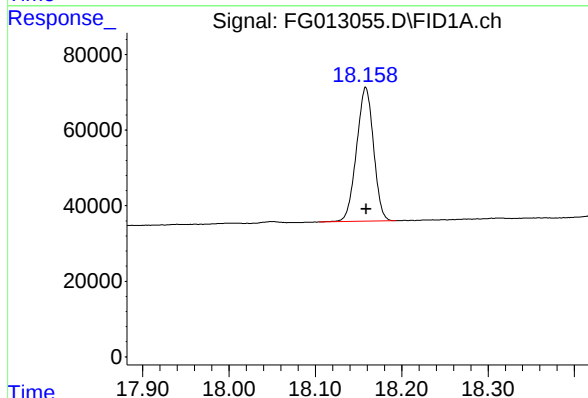
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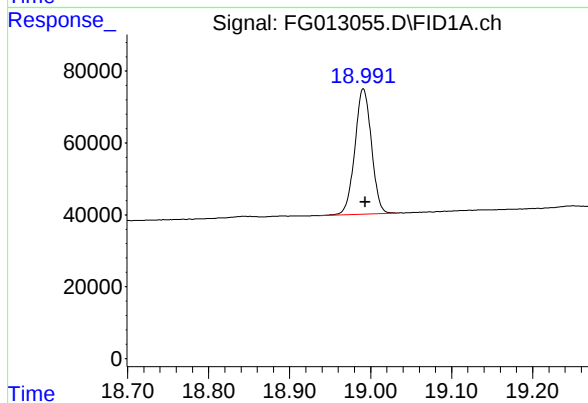
#16 n-Octacosane (C28)

R.T.: 17.268 min
Delta R.T.: -0.002 min
Response: 452758
Conc: 4.13 ug/ml



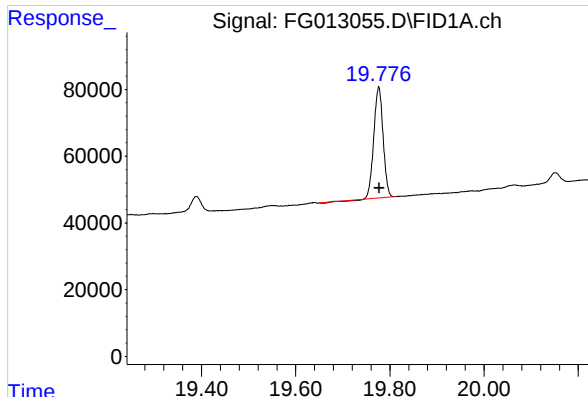
#17 n-Tricontane (C30)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 483589
Conc: 4.22 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.991 min
Delta R.T.: -0.002 min
Response: 493485
Conc: 4.30 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: -0.001 min
Response: 455191
Conc: 4.07 ug/ml

Instrument :

FID_G

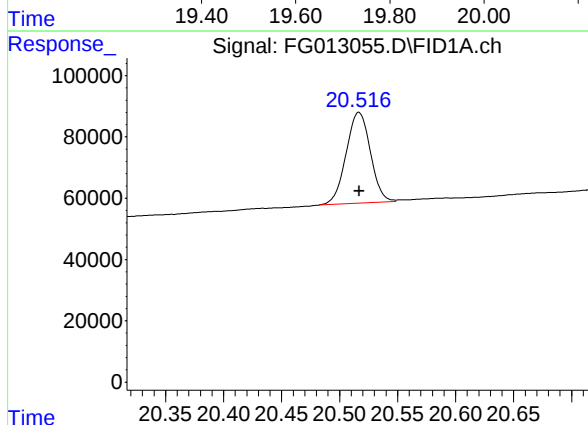
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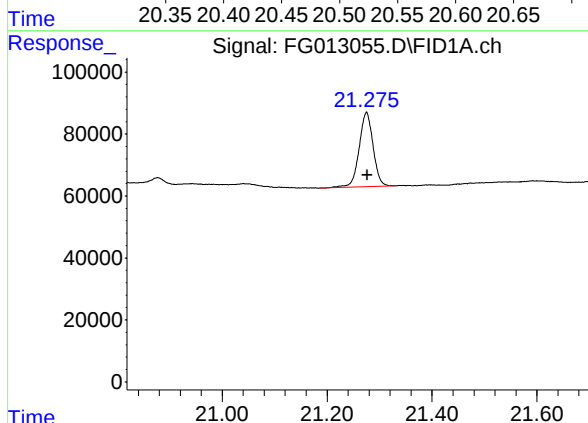
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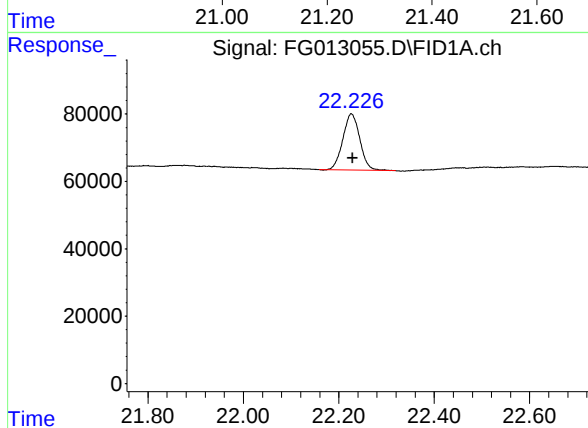
#20 n-Hexatriacontane (C36)

R.T.: 20.516 min
Delta R.T.: -0.001 min
Response: 434602
Conc: 3.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.275 min
Delta R.T.: -0.002 min
Response: 441907
Conc: 3.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.226 min
Delta R.T.: -0.003 min
Response: 413950
Conc: 3.58 ug/ml