

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057978.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jan 2022 20:56
 Operator : AJ\MA
 Sample : N1139-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 POST-EX-BOTTOMMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File: autoint1.e
 Quant Time: Jan 19 00:44:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.142	3925623	26.635 ug/ml
Spiked Amount 50.000		Recovery =	53.27%
Target Compounds			
1) T n-Nonane (C9)	2.632	4117684	25.750 ug/ml
2) T n-Decane (C10)	3.622	5259202	32.721 ug/ml
4) T n-Dodecane (C12)	5.594	6088075	37.749 ug/ml
6) T n-Tetradecane (C14)	7.376	6770633	41.011 ug/ml
7) T n-Hexadecane (C16)	8.968	7618189	45.607 ug/ml
8) T n-Octadecane (C18)	10.401	8016332	46.583 ug/ml
10) T n-Eicosane (C20)	11.705	7789196	45.499 ug/ml
11) T n-Heneicosane (C21)	12.314	7638811	44.175 ug/ml
13) T n-Docosane (C22)	12.897	7506499	43.389 ug/ml
14) T n-Tetracosane (C24)	13.995	7239711	41.822 ug/ml
15) T n-Hexacosane (C26)	15.012	6908343	41.051 ug/ml
16) T n-Octacosane (C28)	15.959	6675469	40.793 ug/ml
17) T n-Tricontane (C30)	16.842	6480291	41.507 ug/ml
18) T n-Dotriacontane (C32)	17.673	6175633	44.294 ug/ml
19) T n-Tetratriacontane (C34)	18.453	5663999	45.571 ug/ml
20) T n-Hexatriacontane (C36)	19.191	4878661	43.881 ug/ml
21) T n-Octatriacontane (C38)	19.897	4524152	43.370 ug/ml
22) T n-Tetracontane (C40)	20.721	4509171	47.092 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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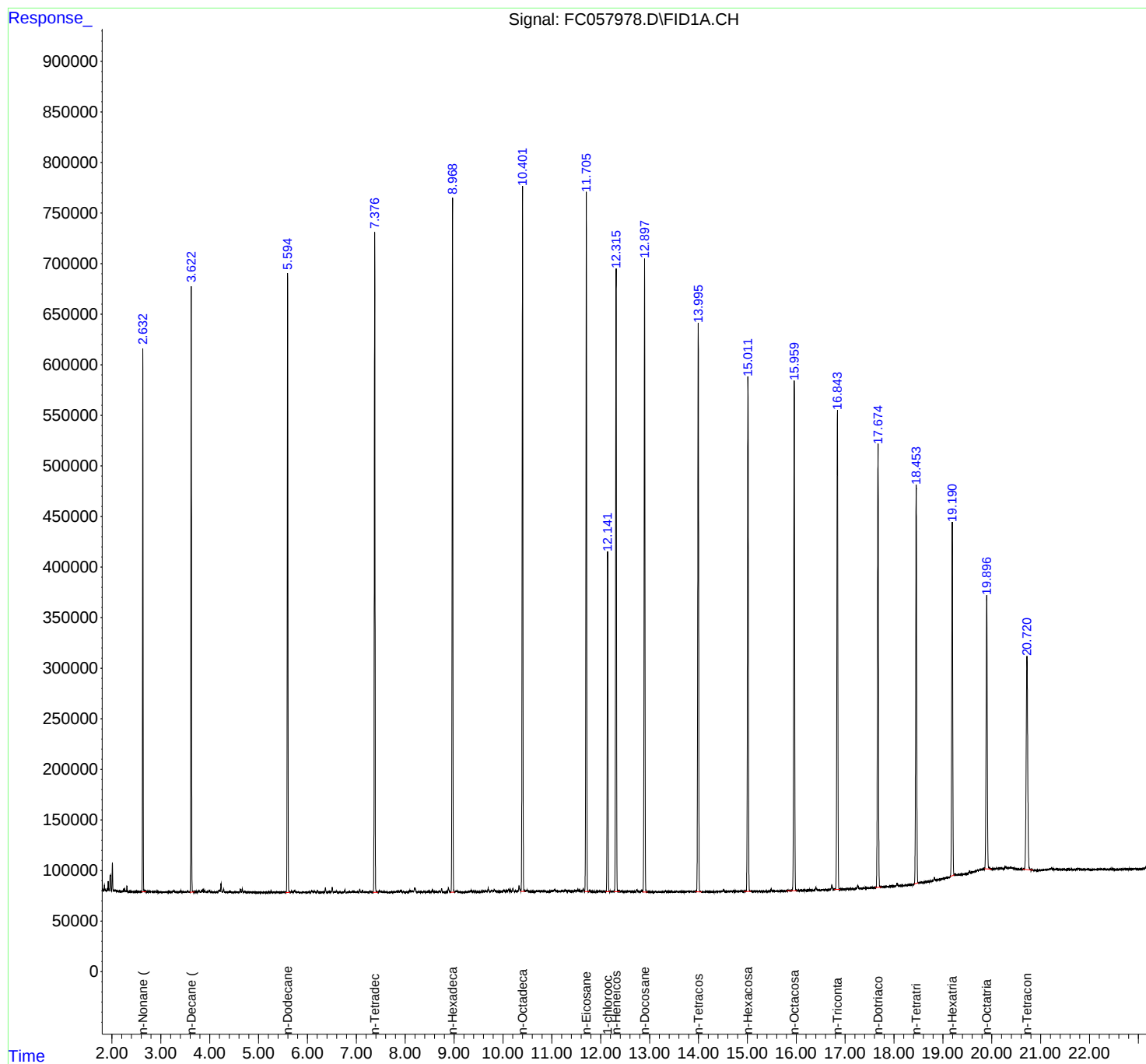
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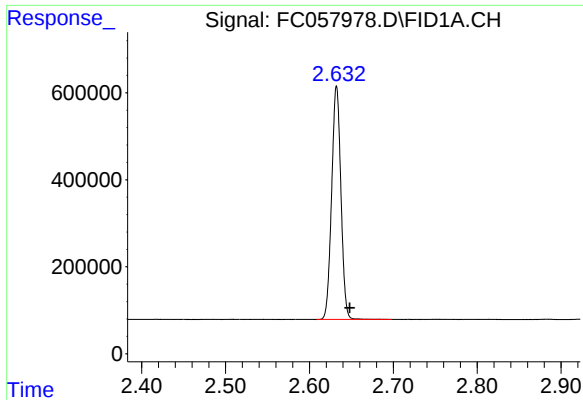
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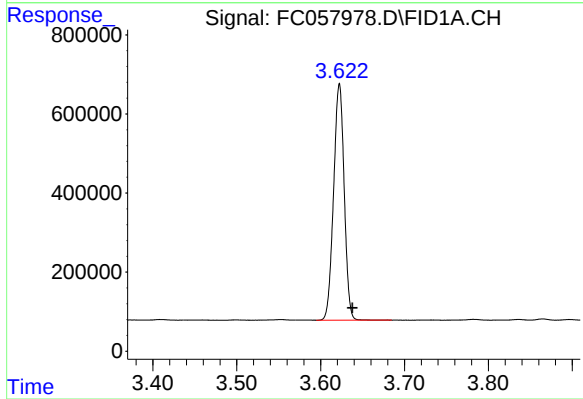
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.016 min
Response: 4117684
Conc: 25.75 ug/ml

Instrument :
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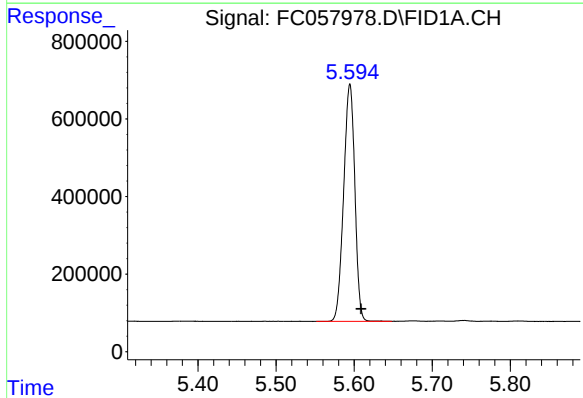
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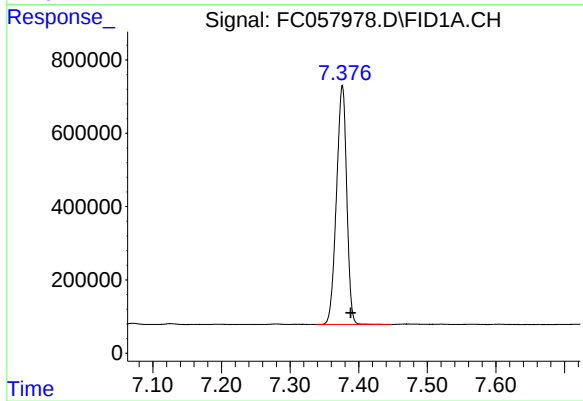
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.016 min
Response: 5259202
Conc: 32.72 ug/ml



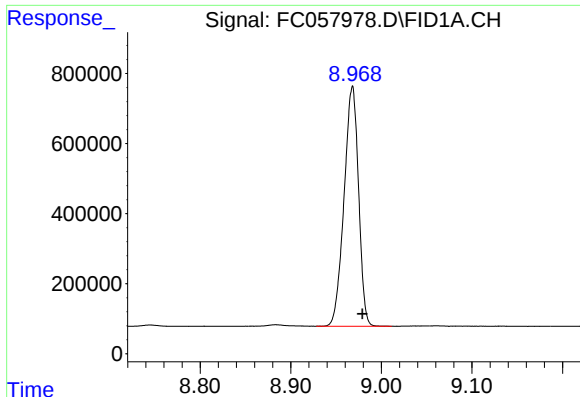
#4 n-Dodecane (C12)

R.T.: 5.594 min
Delta R.T.: -0.014 min
Response: 6088075
Conc: 37.75 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.376 min
Delta R.T.: -0.013 min
Response: 6770633
Conc: 41.01 ug/ml



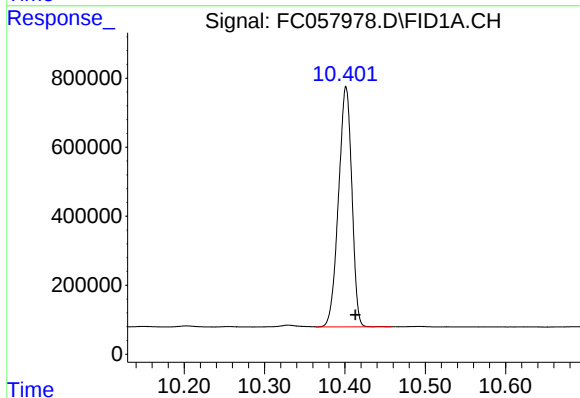
#7 n-Hexadecane (C16)

R.T.: 8.968 min
Delta R.T.: -0.011 min
Response: 7618189
Conc: 45.61 ug/ml

Instrument :
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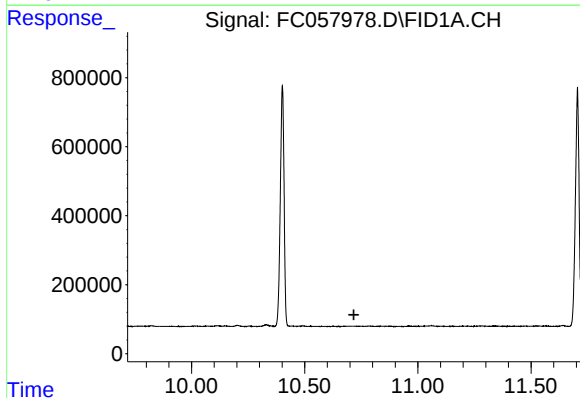
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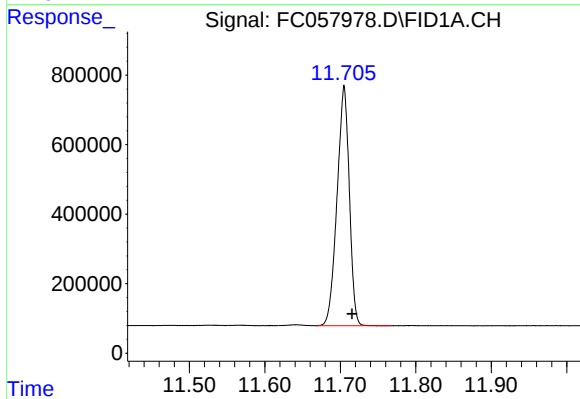
#8 n-Octadecane (C18)

R.T.: 10.401 min
Delta R.T.: -0.012 min
Response: 8016332
Conc: 46.58 ug/ml



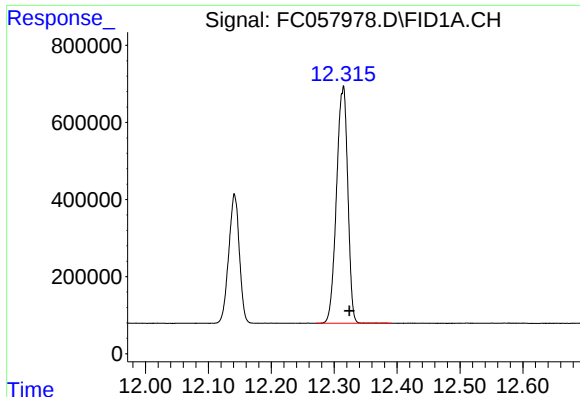
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.717 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.705 min
Delta R.T.: -0.011 min
Response: 7789196
Conc: 45.50 ug/ml



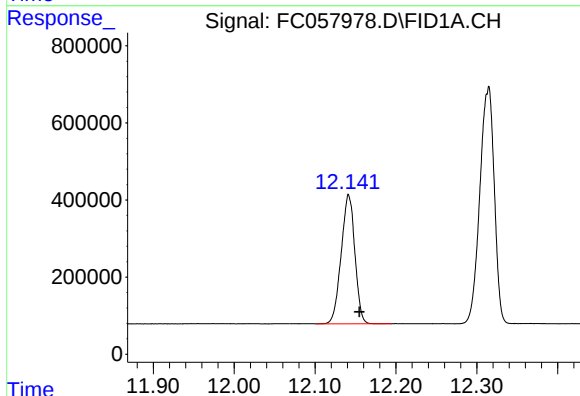
#11 n-Heneicosane (C21)

R.T.: 12.314 min
Delta R.T.: -0.011 min
Response: 7638811
Conc: 44.17 ug/ml

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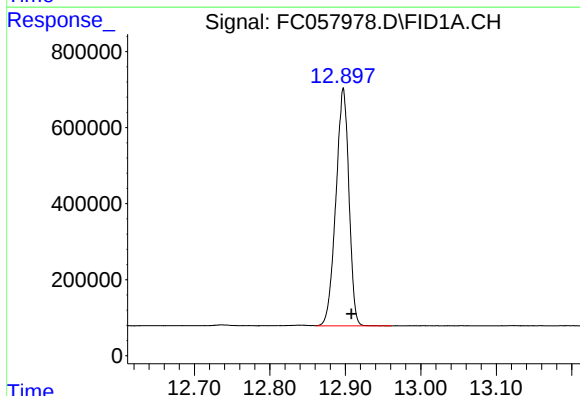
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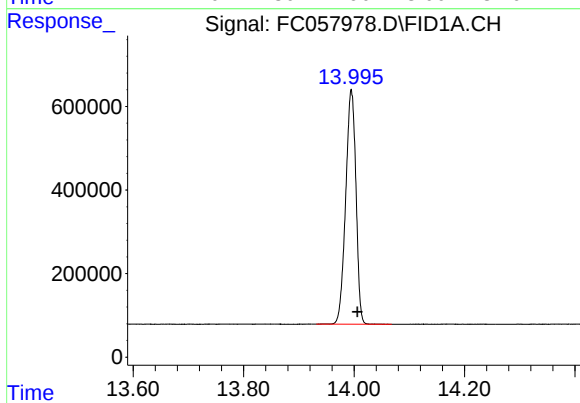
#12 1-chlorooctadecane (SURR)

R.T.: 12.142 min
Delta R.T.: -0.013 min
Response: 3925623
Conc: 26.63 ug/ml



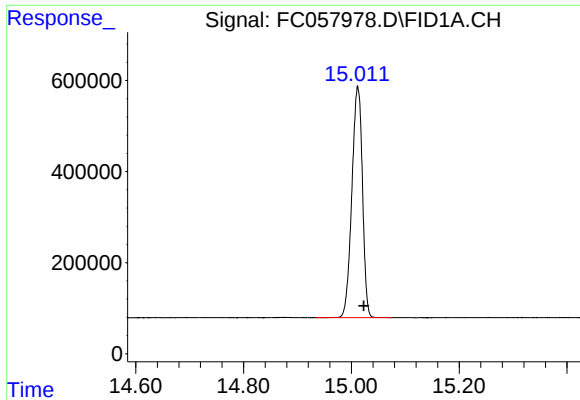
#13 n-Docosane (C22)

R.T.: 12.897 min
Delta R.T.: -0.011 min
Response: 7506499
Conc: 43.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.995 min
Delta R.T.: -0.011 min
Response: 7239711
Conc: 41.82 ug/ml



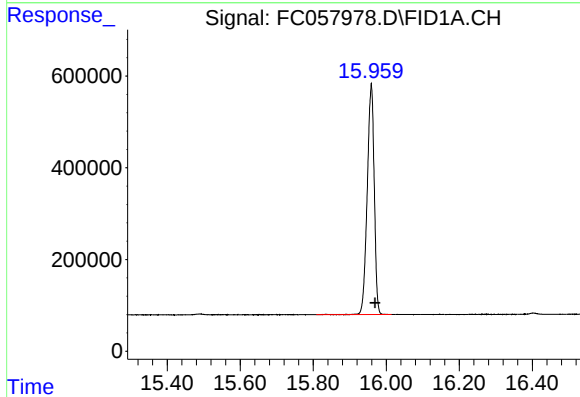
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: -0.011 min
Response: 6908343
Conc: 41.05 ug/ml

Instrument :
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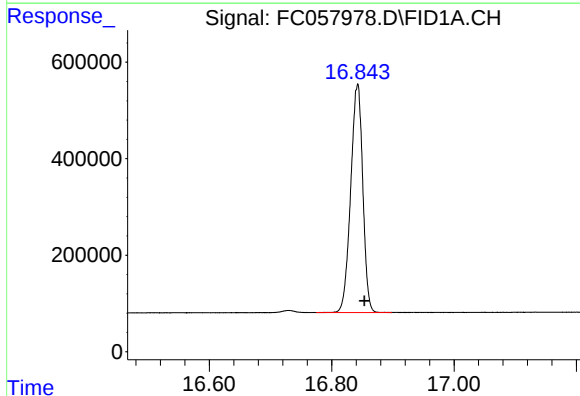
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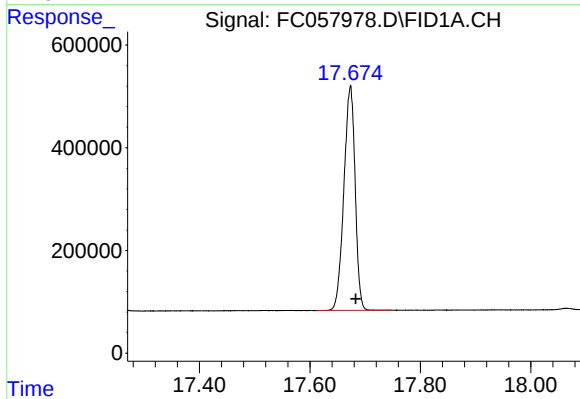
#16 n-Octacosane (C28)

R.T.: 15.959 min
Delta R.T.: -0.011 min
Response: 6675469
Conc: 40.79 ug/ml



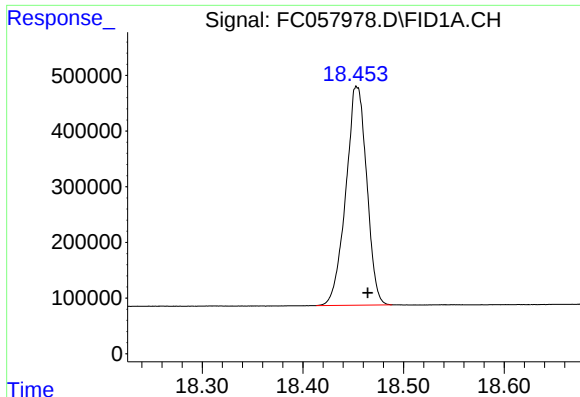
#17 n-Tricontane (C30)

R.T.: 16.842 min
Delta R.T.: -0.012 min
Response: 6480291
Conc: 41.51 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.673 min
Delta R.T.: -0.010 min
Response: 6175633
Conc: 44.29 ug/ml



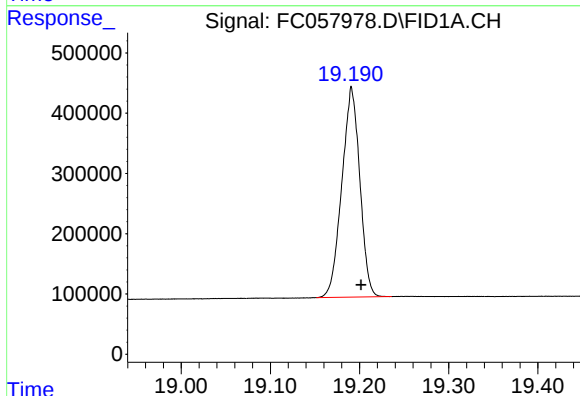
#19 n-Tetratriacontane (C34)

R.T.: 18.453 min
Delta R.T.: -0.012 min
Response: 5663999
Conc: 45.57 ug/ml

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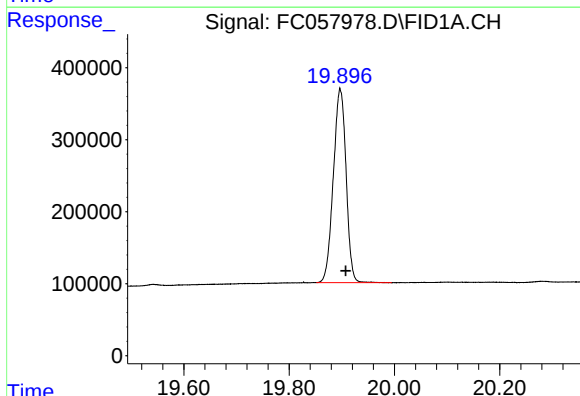
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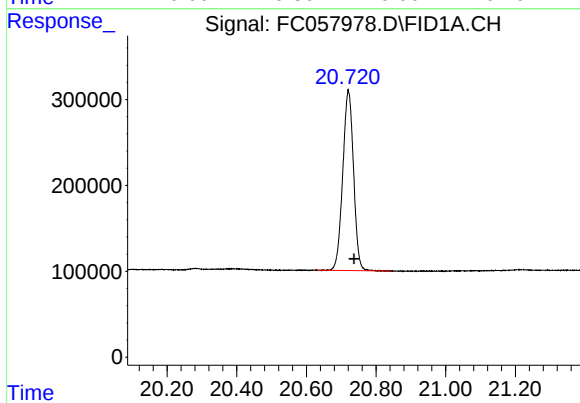
#20 n-Hexatriacontane (C36)

R.T.: 19.191 min
Delta R.T.: -0.010 min
Response: 4878661
Conc: 43.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.010 min
Response: 4524152
Conc: 43.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.721 min
Delta R.T.: -0.016 min
Response: 4509171
Conc: 47.09 ug/ml