

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030722AL\
 Data File : FC058595.D
 Signal(s) : FID1A.CH
 Acq On : 07 Mar 2022 16:09
 Operator : UA/NP
 Sample : PB143134BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143134BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/08/2022
 Supervised By :Ankita Jodhani 03/08/2022

Integration File: autoint1.e
 Quant Time: Mar 08 02:23:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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			
9) S ortho-Terphenyl (SURR)	11.408	5979645	41.054 ug/ml
Spiked Amount 50.000		Recovery =	82.11%
12) S 1-chlorooctadecane (S...	12.841	4813758	42.468 ug/ml
Spiked Amount 50.000		Recovery =	84.94%
Target Compounds			
1) T n-Nonane (C9)	3.262	4829516	40.161 ug/ml
2) T n-Decane (C10)	4.310	5102590	42.879 ug/ml
3) T A~Naphthalene (C11.7)	5.868	5896313	45.432 ug/ml
4) T n-Dodecane (C12)	6.302	5470504	44.469 ug/ml
5) T A~2-methylnaphthalene...	6.914	5952553	45.659 ug/ml
6) T n-Tetradecane (C14)	8.083	5858077	46.750 ug/ml
7) T n-Hexadecane (C16)	9.670	6186504	48.040 ug/ml
8) T n-Octadecane (C18)	11.102	6394879	48.596 ug/ml
10) T n-Eicosane (C20)	12.403	6156193	46.816 ug/ml
11) T n-Heneicosane (C21)	13.011	6043166	45.727 ug/ml
13) T n-Docosane (C22)	13.593	5928617	45.475 ug/ml
14) T n-Tetracosane (C24)	14.690	5698400	44.128 ug/mlm
15) T n-Hexacosane (C26)	15.707	5559460	44.943 ug/ml
16) T n-Octacosane (C28)	16.651	5488460	46.108 ug/ml
17) T n-Tricontane (C30)	17.535	5290355	46.999 ug/ml
18) T n-Dotriacontane (C32)	18.361	5155050	47.940 ug/ml
19) T n-Tetratriacontane (C34)	19.142	4946175	51.049 ug/ml
20) T n-Hexatriacontane (C36)	19.879	4565347	50.604 ug/ml
21) T n-Octatriacontane (C38)	20.586	4170815	47.928 ug/ml
22) T n-Tetracontane (C40)	21.418	4040821	48.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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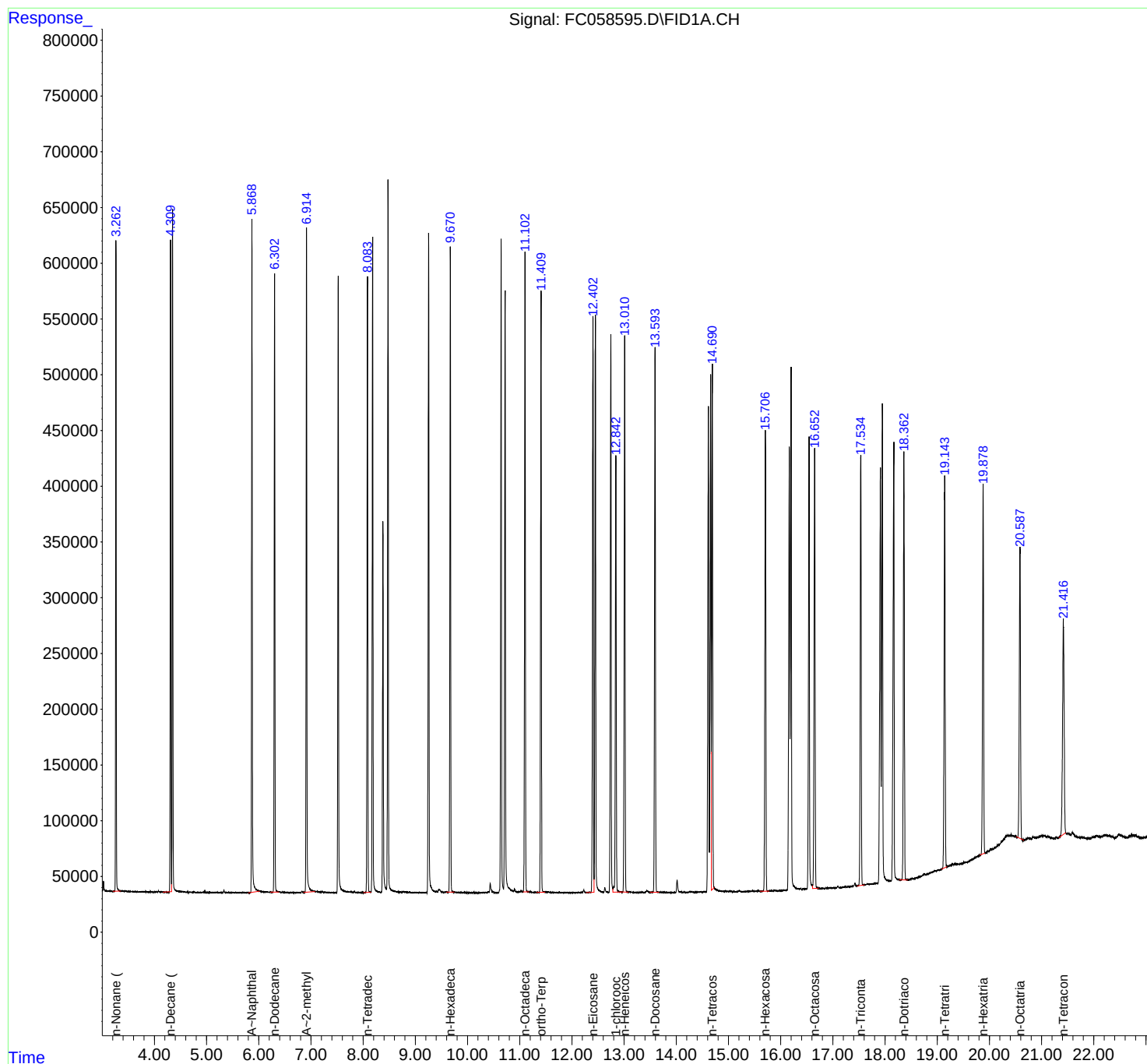
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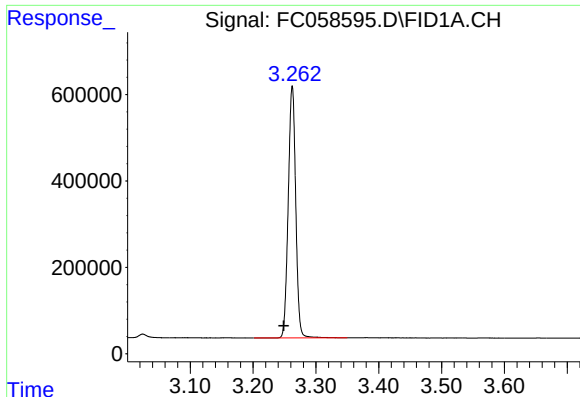
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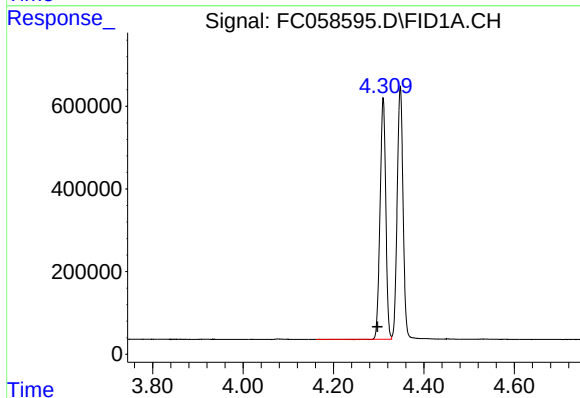
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: 0.013 min
Response: 4829516
Conc: 40.16 ug/ml

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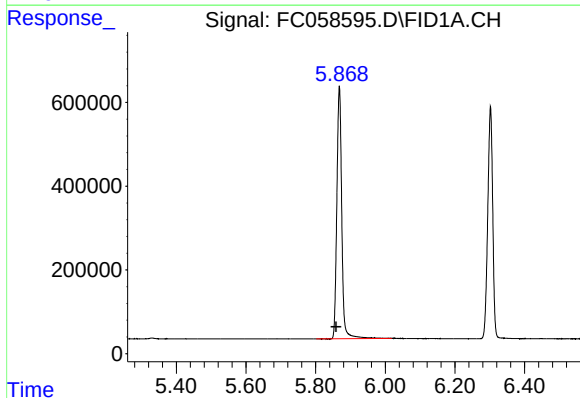
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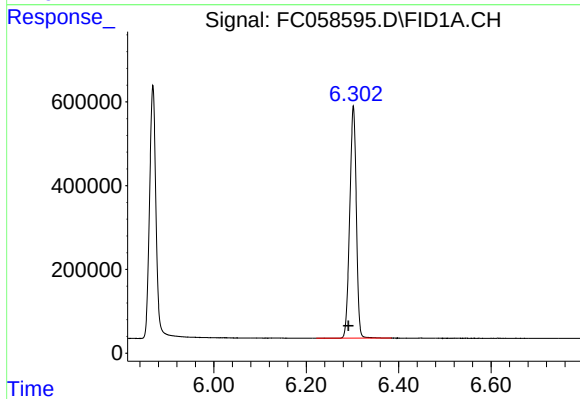
#2 n-Decane (C10)

R.T.: 4.310 min
Delta R.T.: 0.012 min
Response: 5102590
Conc: 42.88 ug/ml



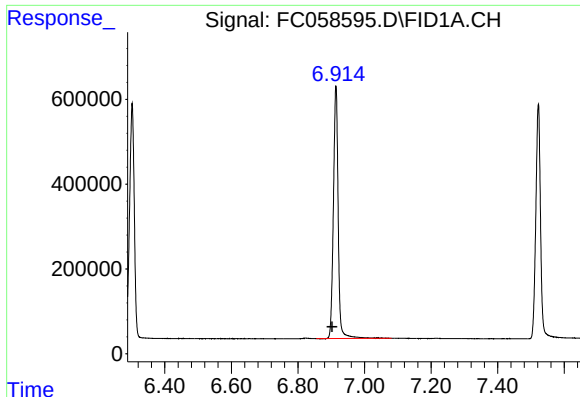
#3 A~Naphthalene (C11.7)

R.T.: 5.868 min
Delta R.T.: 0.009 min
Response: 5896313
Conc: 45.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.302 min
Delta R.T.: 0.011 min
Response: 5470504
Conc: 44.47 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.011 min
Response: 5952553
Conc: 45.66 ug/ml

Instrument :

FID_C

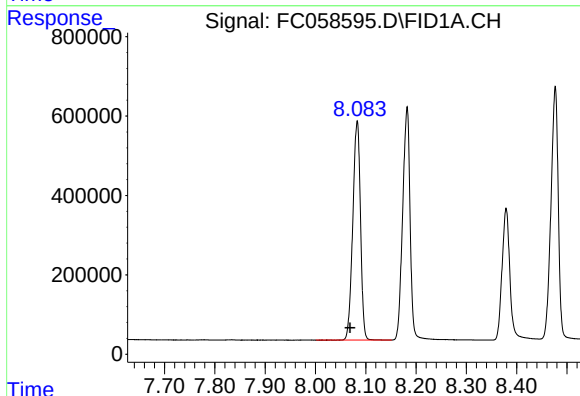
ClientSampleId :

PB143134BSD

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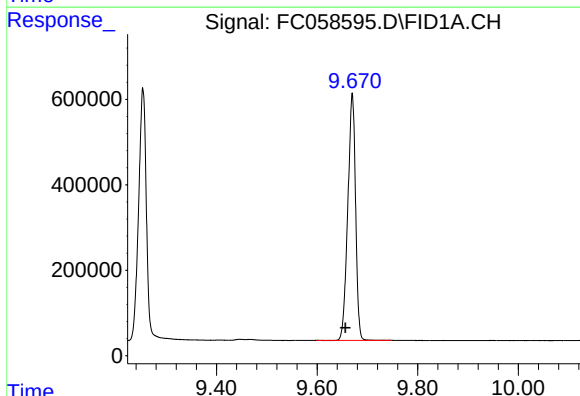
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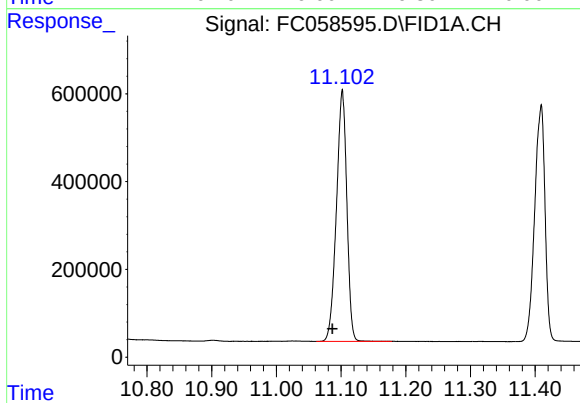
#6 n-Tetradecane (C14)

R.T.: 8.083 min
Delta R.T.: 0.014 min
Response: 5858077
Conc: 46.75 ug/ml



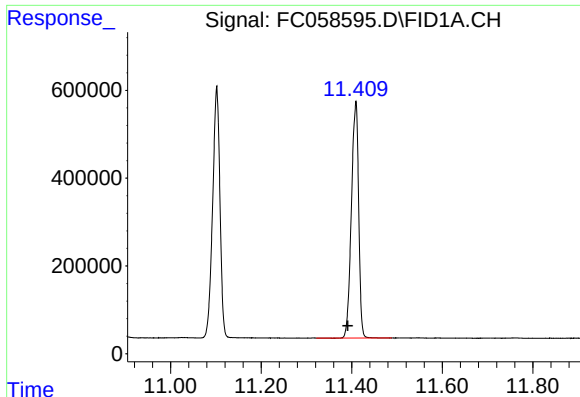
#7 n-Hexadecane (C16)

R.T.: 9.670 min
Delta R.T.: 0.014 min
Response: 6186504
Conc: 48.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.102 min
Delta R.T.: 0.015 min
Response: 6394879
Conc: 48.60 ug/ml



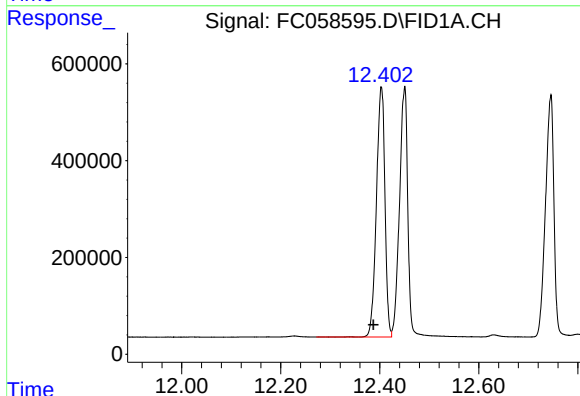
#9 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: 0.017 min
Response: 5979645
Conc: 41.05 ug/ml

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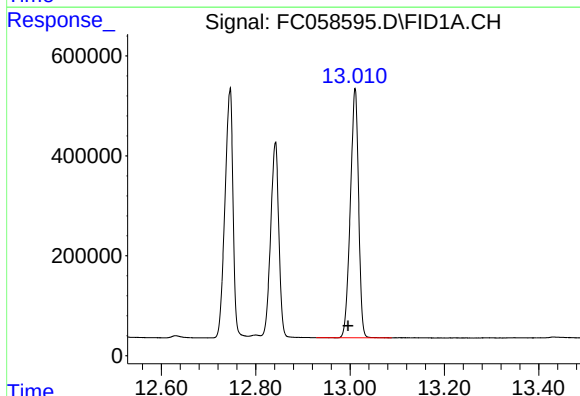
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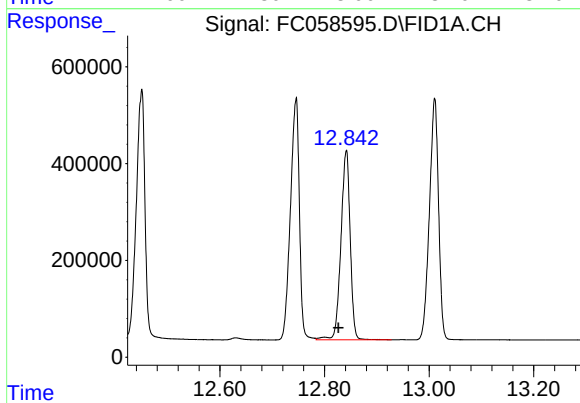
#10 n-Eicosane (C20)

R.T.: 12.403 min
Delta R.T.: 0.016 min
Response: 6156193
Conc: 46.82 ug/ml



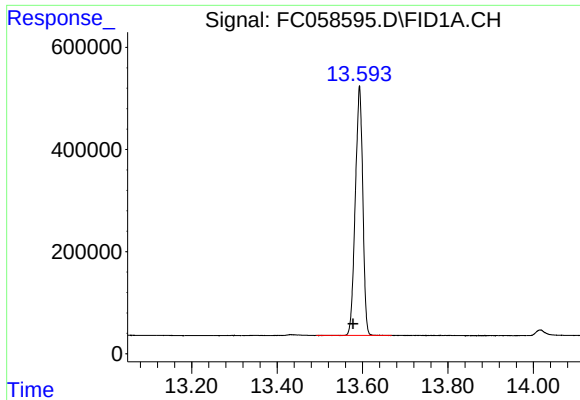
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.015 min
Response: 6043166
Conc: 45.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.841 min
Delta R.T.: 0.014 min
Response: 4813758
Conc: 42.47 ug/ml



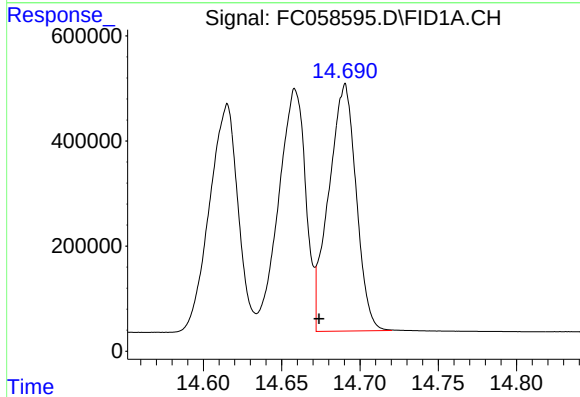
#13 n-Docosane (C22)

R.T.: 13.593 min
Delta R.T.: 0.015 min
Response: 5928617
Conc: 45.48 ug/ml

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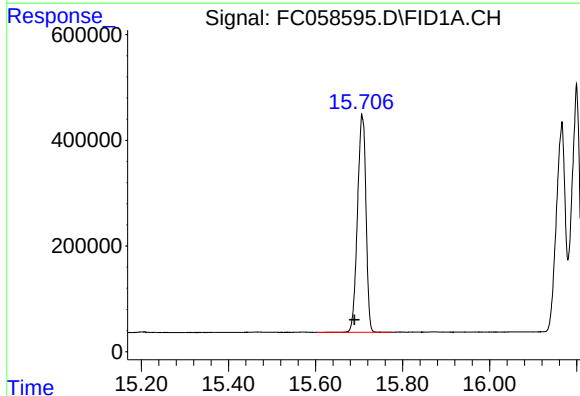
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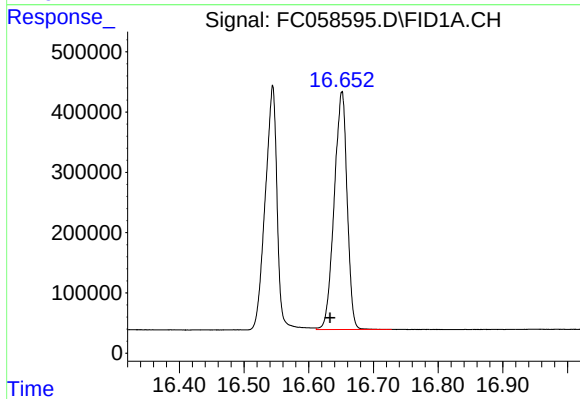
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: 0.017 min
Response: 5698400
Conc: 44.13 ug/ml m



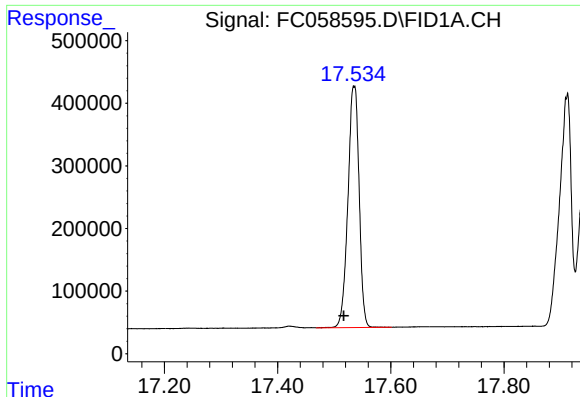
#15 n-Hexacosane (C26)

R.T.: 15.707 min
Delta R.T.: 0.018 min
Response: 5559460
Conc: 44.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.651 min
Delta R.T.: 0.018 min
Response: 5488460
Conc: 46.11 ug/ml



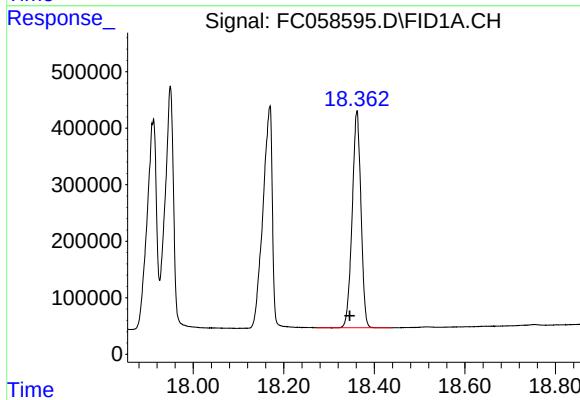
#17 n-Tricontane (C30)

R.T.: 17.535 min
Delta R.T.: 0.018 min
Response: 5290355
Conc: 47.00 ug/ml

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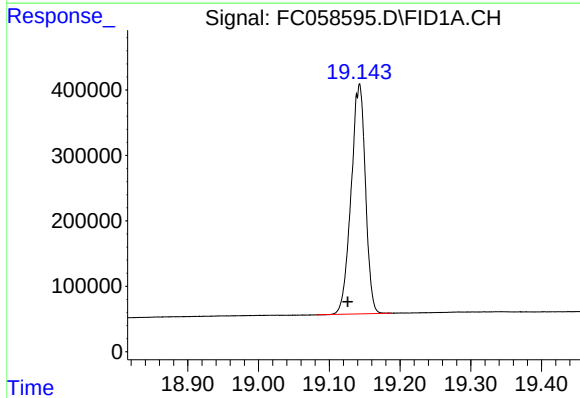
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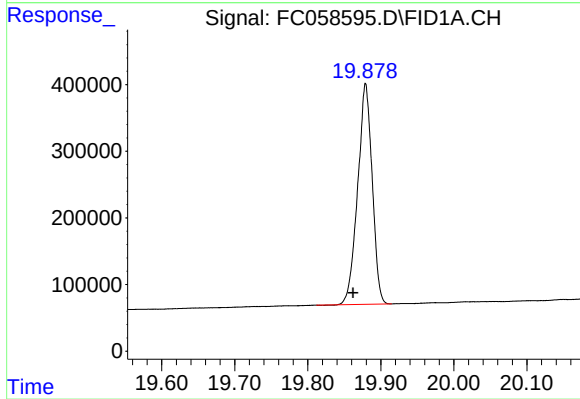
#18 n-Dotriacontane (C32)

R.T.: 18.361 min
Delta R.T.: 0.015 min
Response: 5155050
Conc: 47.94 ug/ml



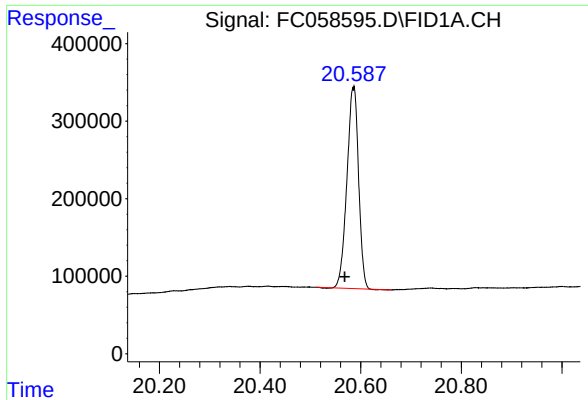
#19 n-Tetratriacontane (C34)

R.T.: 19.142 min
Delta R.T.: 0.016 min
Response: 4946175
Conc: 51.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.879 min
Delta R.T.: 0.017 min
Response: 4565347
Conc: 50.60 ug/ml



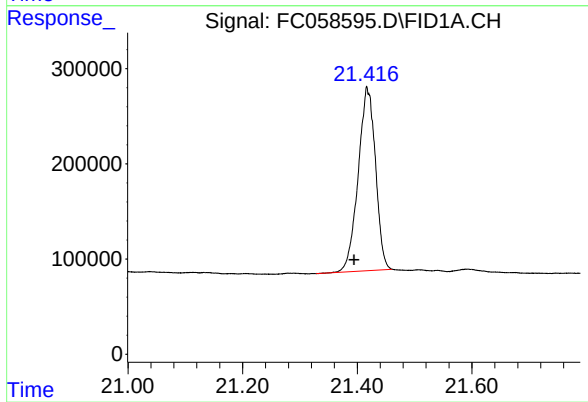
#21 n-Octatriacontane (C38)

R.T.: 20.586 min
Delta R.T.: 0.018 min
Response: 4170815
Conc: 47.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.418 min
Delta R.T.: 0.023 min
Response: 4040821
Conc: 48.15 ug/ml