

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031122AL\
 Data File : FC058699.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2022 18:10
 Operator : UA/NP
 Sample : N1884-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HR-03-031022-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: autoint1.e
 Quant Time: Mar 11 21:38:10 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)	11.400	3943688	27.076 ug/ml
Spiked Amount 50.000		Recovery =	54.15%
12) S 1-chlorooctadecane (S...	12.830	3625746	31.987 ug/ml
Spiked Amount 50.000		Recovery =	63.97%
Target Compounds			
1) T n-Nonane (C9)	3.258	4084549	33.966 ug/ml
2) T n-Decane (C10)	4.306	4614223	38.775 ug/ml
3) T A~Naphthalene (C11.7)	5.865	5179712	39.910 ug/ml
4) T n-Dodecane (C12)	6.298	4981098	40.491 ug/ml
5) T A~2-methylnaphthalene...	6.910	5257772	40.329 ug/ml
6) T n-Tetradecane (C14)	8.076	5345998	42.663 ug/ml
7) T n-Hexadecane (C16)	9.663	5652090	43.890 ug/ml
8) T n-Octadecane (C18)	11.094	5894208	44.791 ug/mlm
10) T n-Eicosane (C20)	12.394	5723843	43.528 ug/ml
11) T n-Heneicosane (C21)	13.001	5613950	42.479 ug/ml
13) T n-Docosane (C22)	13.585	5541761	42.508 ug/mlm
14) T n-Tetracosane (C24)	14.680	5545123	42.941 ug/mlm
15) T n-Hexacosane (C26)	15.698	5297034	42.821 ug/mlm
16) T n-Octacosane (C28)	16.641	5172564	43.455 ug/mlm
17) T n-Tricontane (C30)	17.525	5093316	45.248 ug/ml
18) T n-Dotriacontane (C32)	18.351	5031309	46.789 ug/ml
19) T n-Tetratriacontane (C34)	19.132	5091175	52.546 ug/ml
20) T n-Hexatriacontane (C36)	19.868	5132986	56.896 ug/ml
21) T n-Octatriacontane (C38)	20.575	5155514	59.243 ug/ml
22) T n-Tetracontane (C40)	21.403	5263651	62.724 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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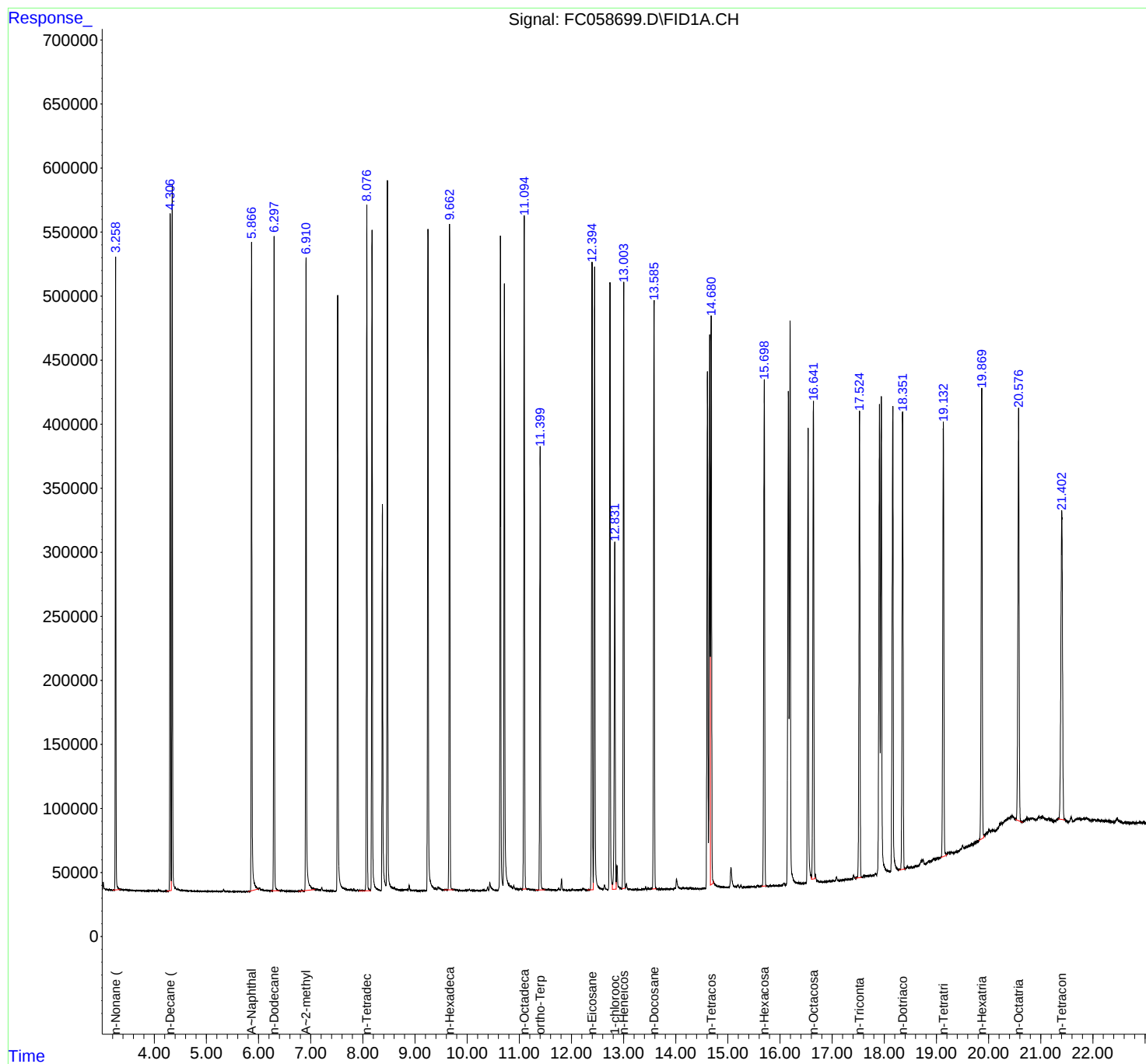
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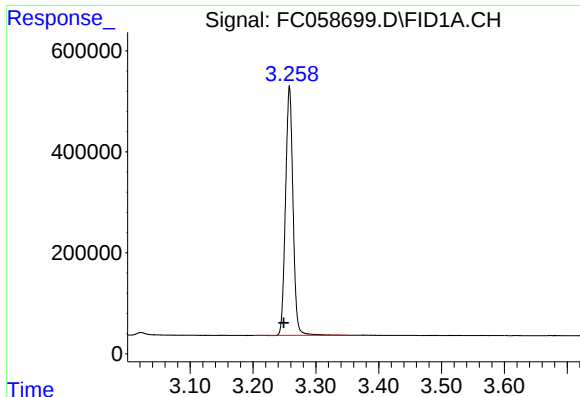
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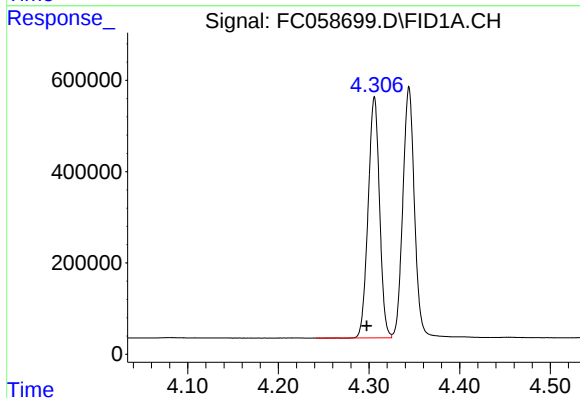
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: 0.009 min
Response: 4084549
Conc: 33.97 ug/ml

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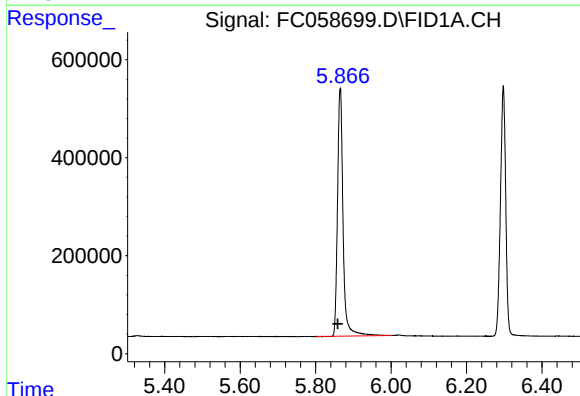
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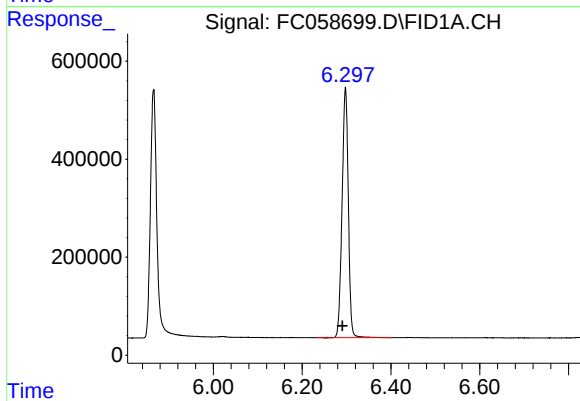
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.008 min
Response: 4614223
Conc: 38.78 ug/ml



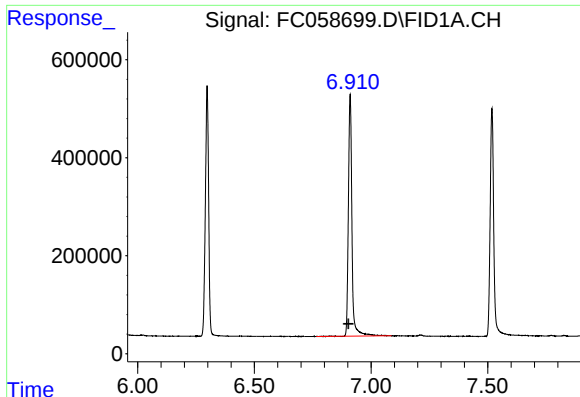
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 5179712
Conc: 39.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.006 min
Response: 4981098
Conc: 40.49 ug/ml



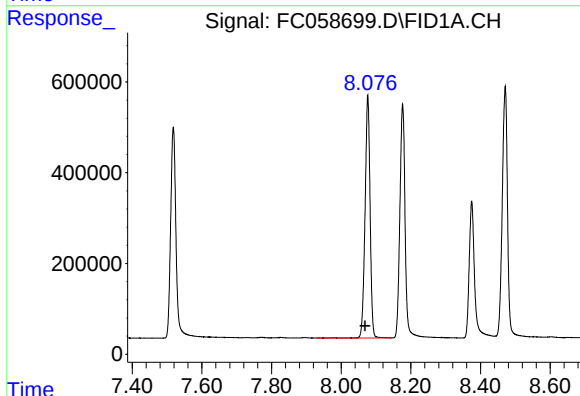
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: 0.008 min
Response: 5257772
Conc: 40.33 ug/ml

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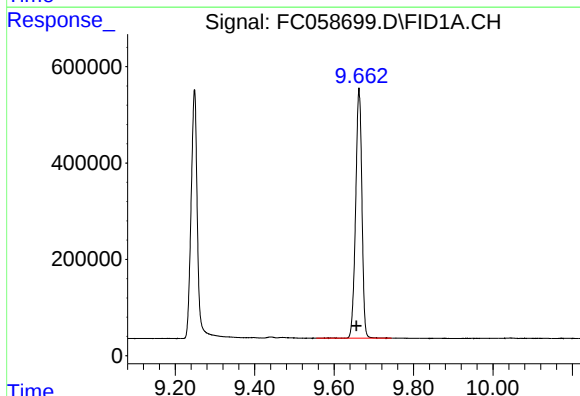
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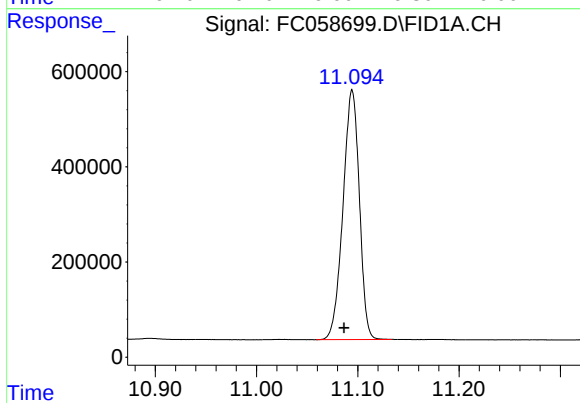
#6 n-Tetradecane (C14)

R.T.: 8.076 min
Delta R.T.: 0.008 min
Response: 5345998
Conc: 42.66 ug/ml



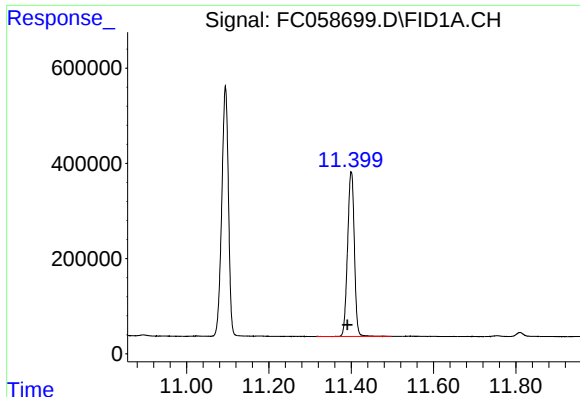
#7 n-Hexadecane (C16)

R.T.: 9.663 min
Delta R.T.: 0.006 min
Response: 5652090
Conc: 43.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.094 min
Delta R.T.: 0.007 min
Response: 5894208
Conc: 44.79 ug/ml m



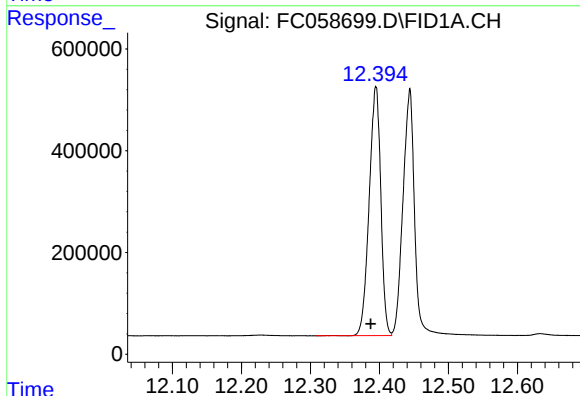
#9 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: 0.009 min
Response: 3943688
Conc: 27.08 ug/ml

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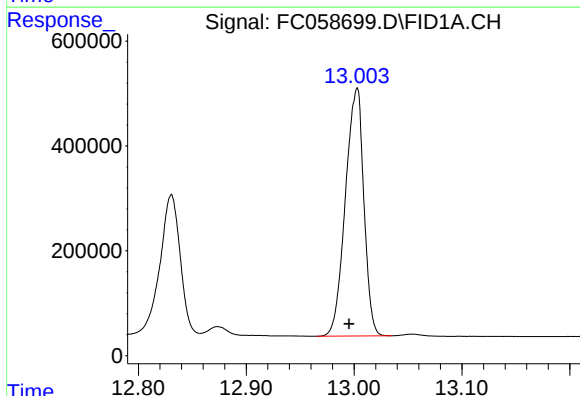
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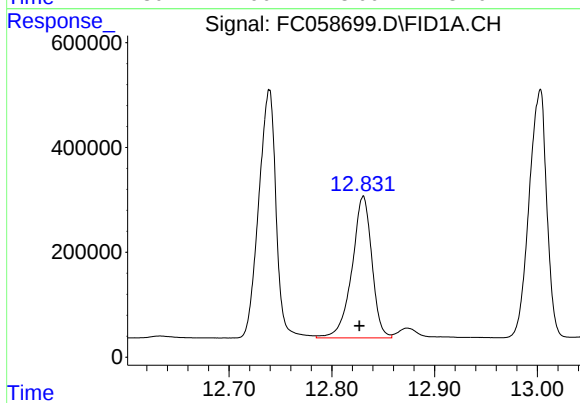
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.007 min
Response: 5723843
Conc: 43.53 ug/ml



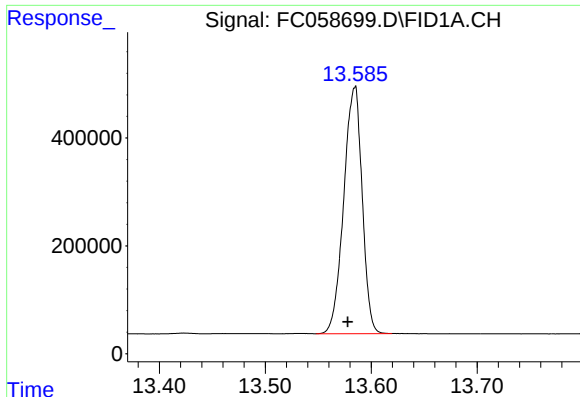
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: 0.006 min
Response: 5613950
Conc: 42.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 3625746
Conc: 31.99 ug/ml



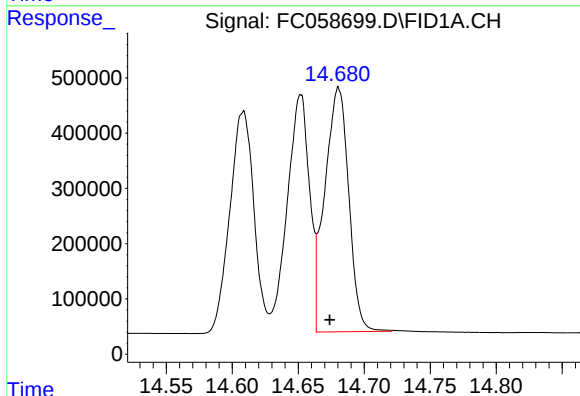
#13 n-Docosane (C22)

R.T.: 13.585 min
Delta R.T.: 0.007 min
Response: 5541761
Conc: 42.51 ug/ml

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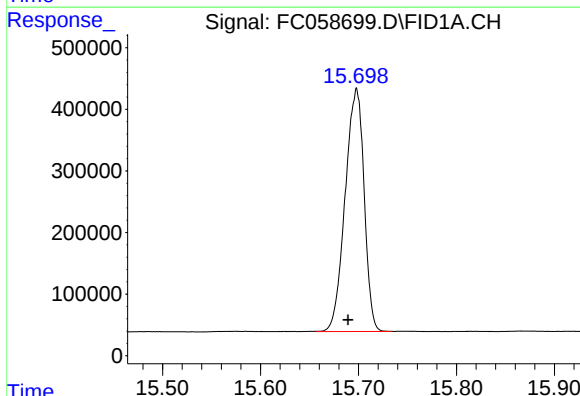
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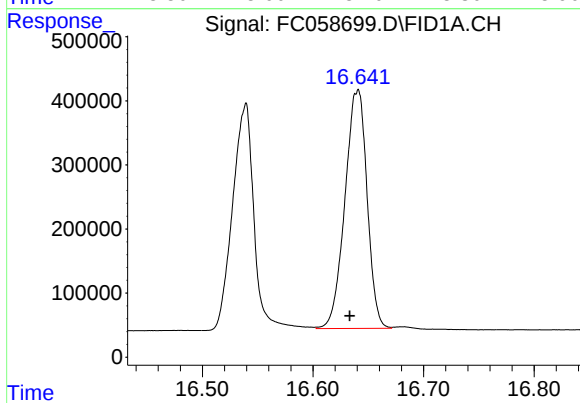
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: 0.006 min
Response: 5545123
Conc: 42.94 ug/ml m



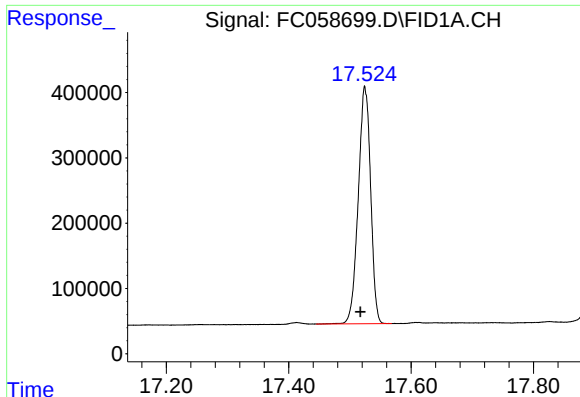
#15 n-Hexacosane (C26)

R.T.: 15.698 min
Delta R.T.: 0.008 min
Response: 5297034
Conc: 42.82 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.641 min
Delta R.T.: 0.008 min
Response: 5172564
Conc: 43.45 ug/ml m



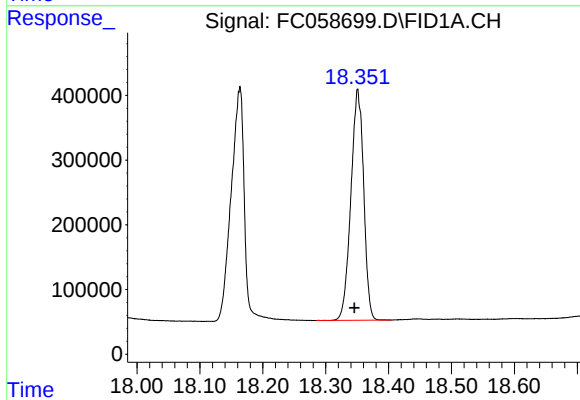
#17 n-Tricontane (C30)

R.T.: 17.525 min
Delta R.T.: 0.007 min
Response: 5093316
Conc: 45.25 ug/ml

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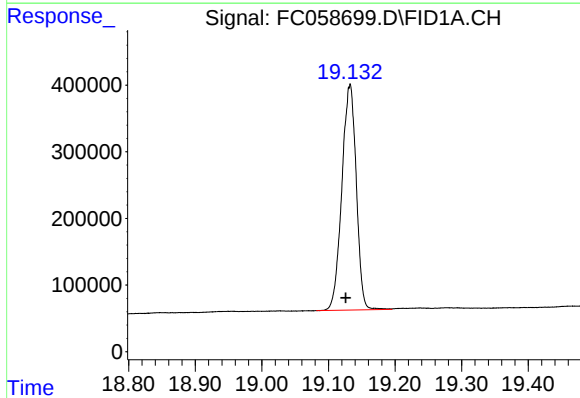
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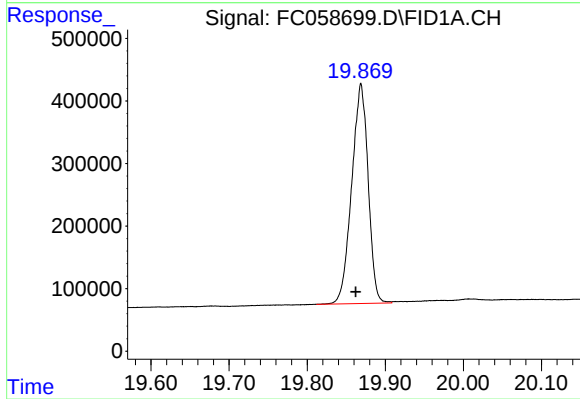
#18 n-Dotriacontane (C32)

R.T.: 18.351 min
Delta R.T.: 0.005 min
Response: 5031309
Conc: 46.79 ug/ml



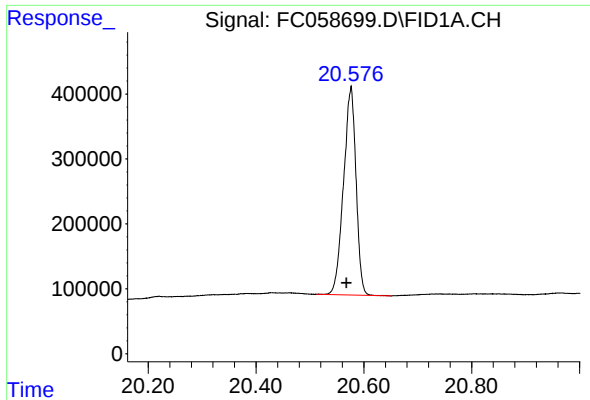
#19 n-Tetratriacontane (C34)

R.T.: 19.132 min
Delta R.T.: 0.006 min
Response: 5091175
Conc: 52.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.868 min
Delta R.T.: 0.006 min
Response: 5132986
Conc: 56.90 ug/ml



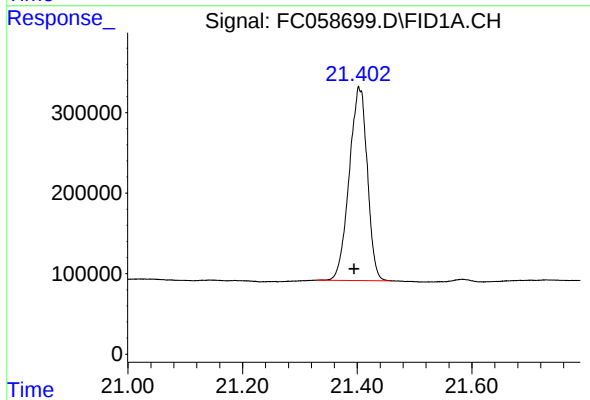
#21 n-Octatriacontane (C38)

R.T.: 20.575 min
Delta R.T.: 0.007 min
Response: 5155514
Conc: 59.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.403 min
Delta R.T.: 0.009 min
Response: 5263651
Conc: 62.72 ug/ml