

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058446.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2022 5:51
 Operator : UA/NP
 Sample : PB142872BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB142872BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2022
 Supervised By :Ankita Jodhani 02/24/2022

Integration File: autoint1.e
 Quant Time: Feb 24 07:41:56 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)	11.390	6064727	41.638 ug/ml
Spiked Amount 50.000		Recovery =	83.28%
12) S 1-chlorooctadecane (S...	12.822	4887599	43.119 ug/ml
Spiked Amount 50.000		Recovery =	86.24%
Target Compounds			
1) T n-Nonane (C9)	3.253	4517473	37.566 ug/ml
2) T n-Decane (C10)	4.297	4864370	40.877 ug/ml
3) T A~Naphthalene (C11.7)	5.852	5695028	43.881 ug/ml
4) T n-Dodecane (C12)	6.288	5262172	42.776 ug/ml
5) T A~2-methylnaphthalene...	6.897	5731747	43.965 ug/ml
6) T n-Tetradecane (C14)	8.067	5447024	43.469 ug/ml
7) T n-Hexadecane (C16)	9.653	5542801	43.041 ug/ml
8) T n-Octadecane (C18)	11.084	5751009	43.703 ug/ml
10) T n-Eicosane (C20)	12.385	5651770	42.980 ug/ml
11) T n-Heneicosane (C21)	12.992	5598528	42.362 ug/ml
13) T n-Docosane (C22)	13.574	5539680	42.492 ug/ml
14) T n-Tetracosane (C24)	14.670	5800667	44.920 ug/ml
15) T n-Hexacosane (C26)	15.686	5312258	42.944 ug/ml
16) T n-Octacosane (C28)	16.628	5176574	43.488 ug/ml
17) T n-Tricontane (C30)	17.513	4842831	43.023 ug/ml
18) T n-Dotriacontane (C32)	18.339	4387297	40.800 ug/ml
19) T n-Tetratriacontane (C34)	19.117	3536147	36.496 ug/ml
20) T n-Hexatriacontane (C36)	19.853	2464638	27.319 ug/ml
21) T n-Octatriacontane (C38)	20.554	1743252	20.032 ug/mlm
22) T n-Tetracontane (C40)	21.378	1356018	16.159 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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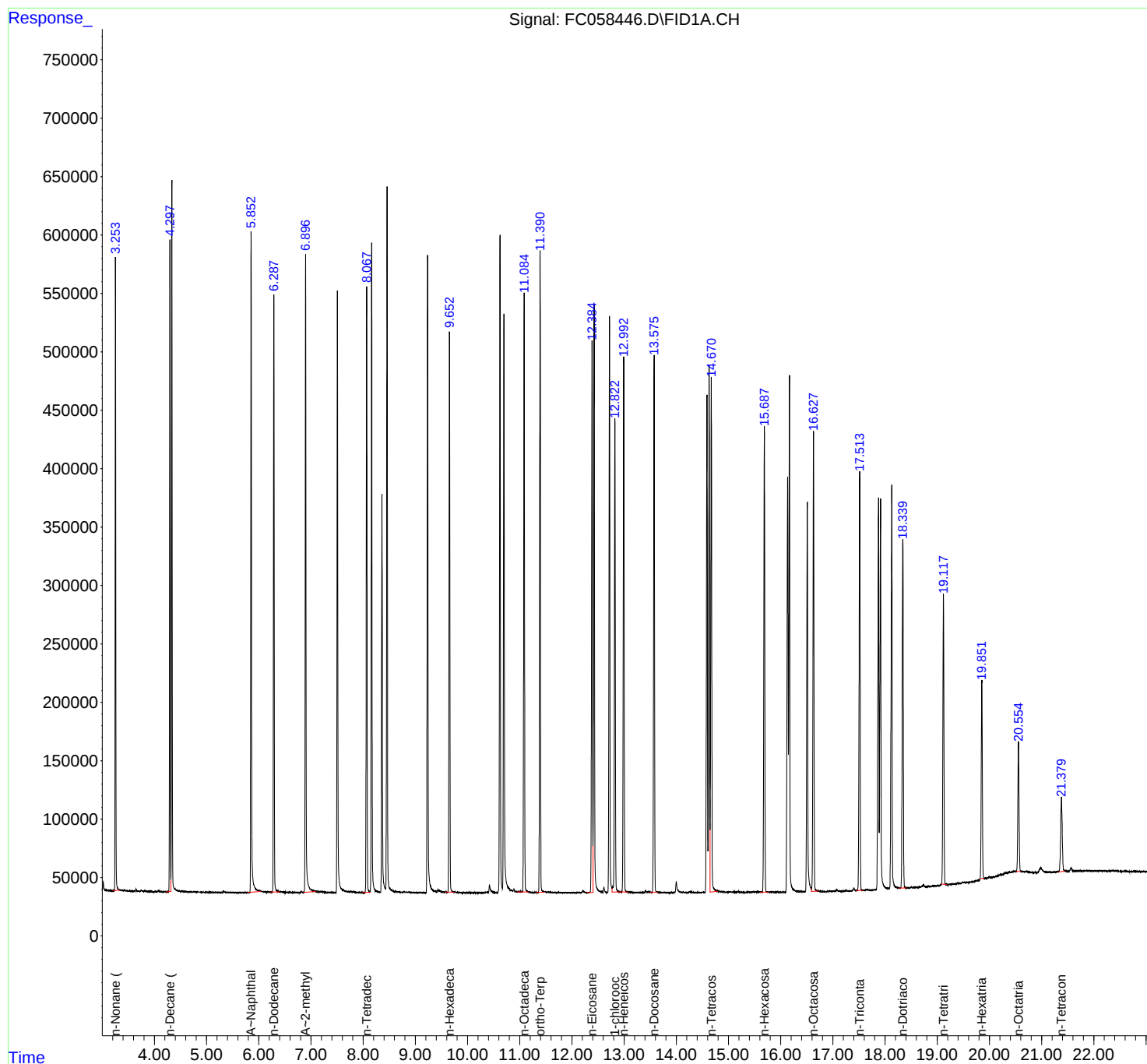
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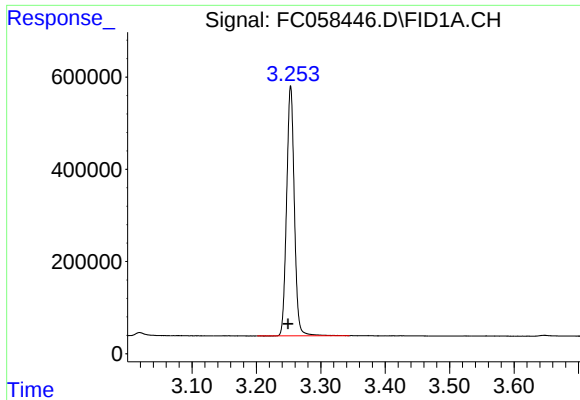
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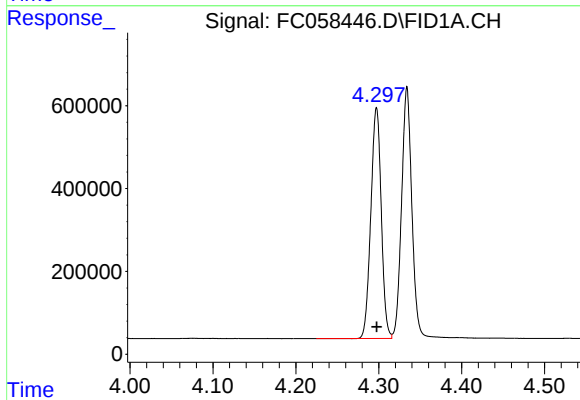
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: 0.004 min
Response: 4517473
Conc: 37.57 ug/ml

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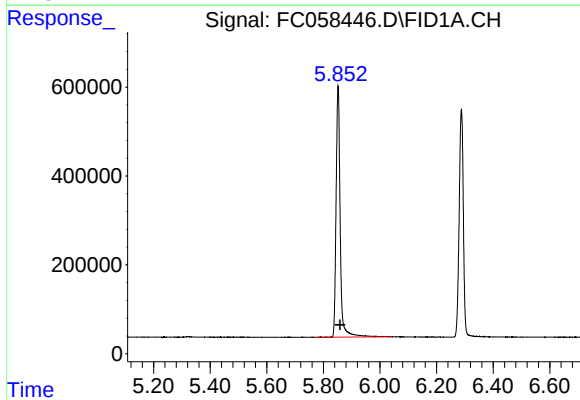
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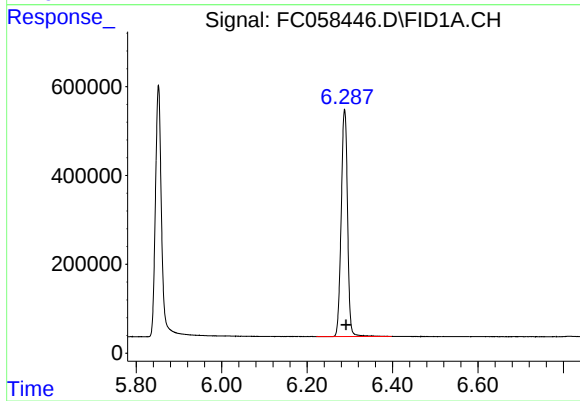
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 4864370
Conc: 40.88 ug/ml



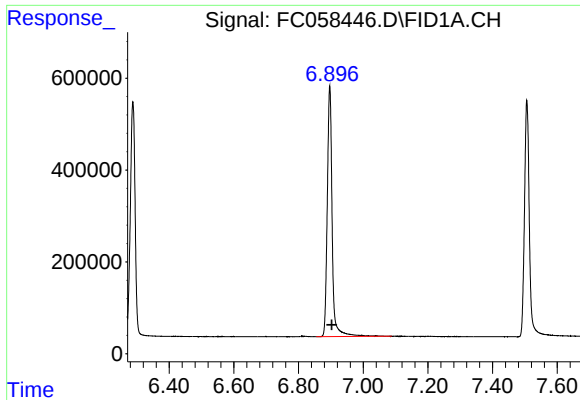
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 5695028
Conc: 43.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.288 min
Delta R.T.: -0.003 min
Response: 5262172
Conc: 42.78 ug/ml



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

R.T.: 6.897 min
Delta R.T.: -0.006 min
Response: 5731747
Conc: 43.96 ug/ml

Instrument :

FID_C

ClientSampleId :

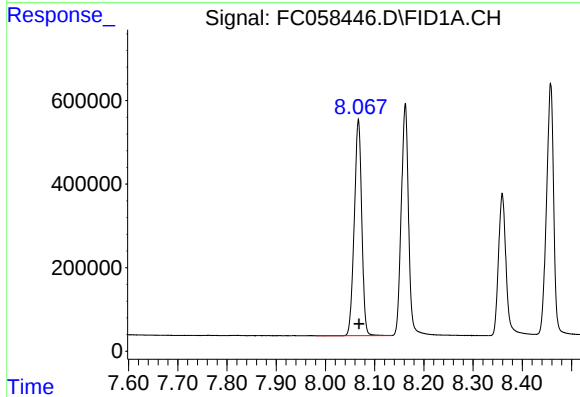
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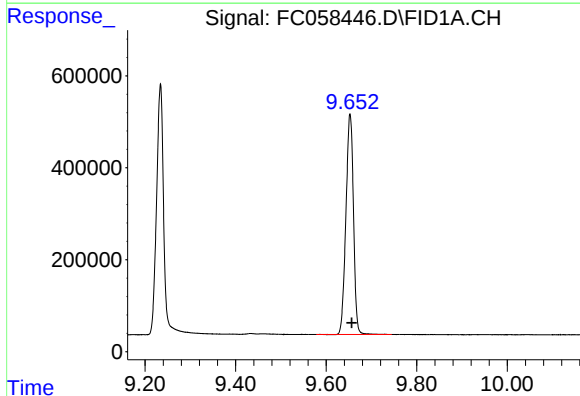
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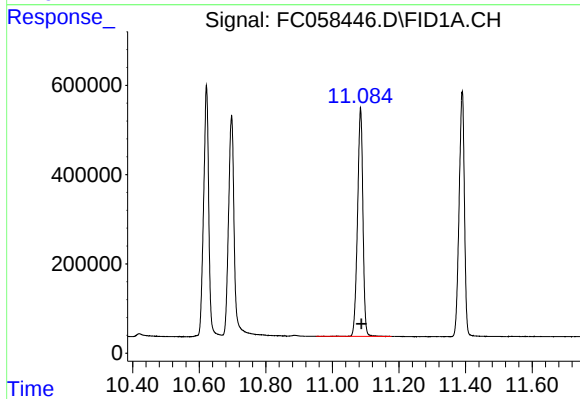
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 5447024
Conc: 43.47 ug/ml



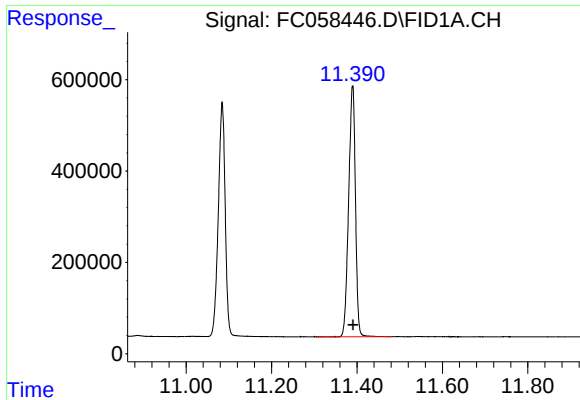
#7 n-Hexadecane (C16)

R.T.: 9.653 min
Delta R.T.: -0.004 min
Response: 5542801
Conc: 43.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.084 min
Delta R.T.: -0.002 min
Response: 5751009
Conc: 43.70 ug/ml



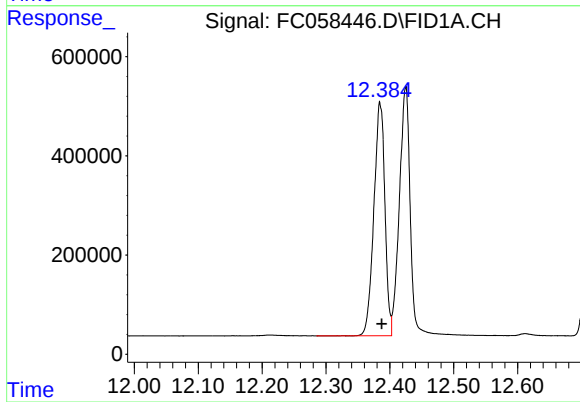
#9 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: -0.001 min
Response: 6064727
Conc: 41.64 ug/ml

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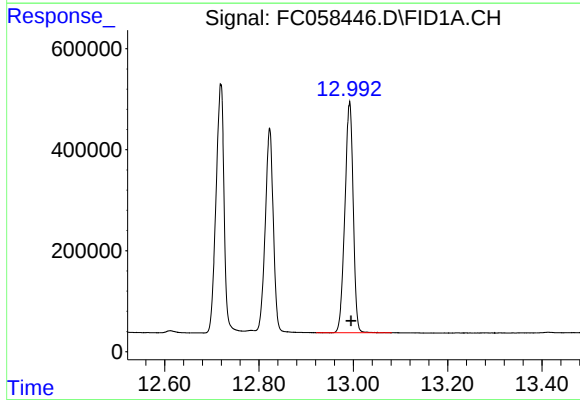
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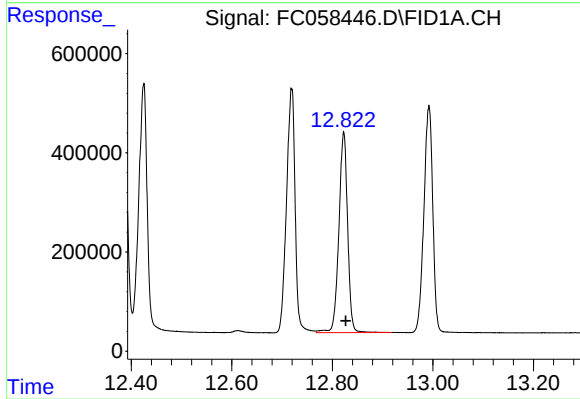
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.003 min
Response: 5651770
Conc: 42.98 ug/ml



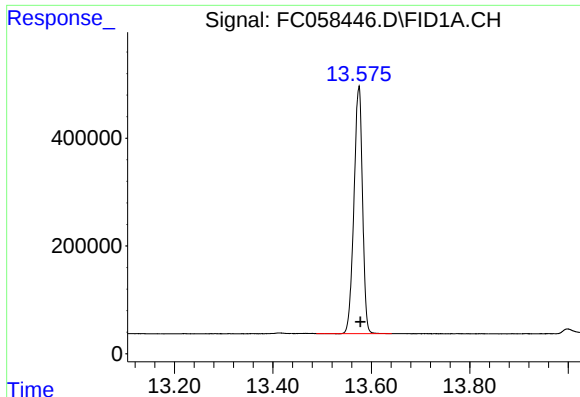
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: -0.004 min
Response: 5598528
Conc: 42.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.822 min
Delta R.T.: -0.004 min
Response: 4887599
Conc: 43.12 ug/ml



#13 n-Docosane (C22)

R.T.: 13.574 min
Delta R.T.: -0.004 min
Response: 5539680
Conc: 42.49 ug/ml

Instrument :

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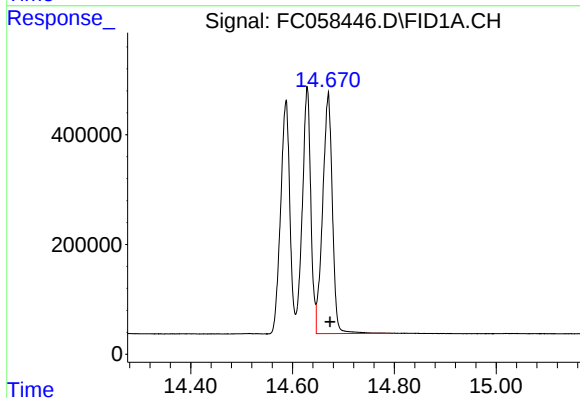
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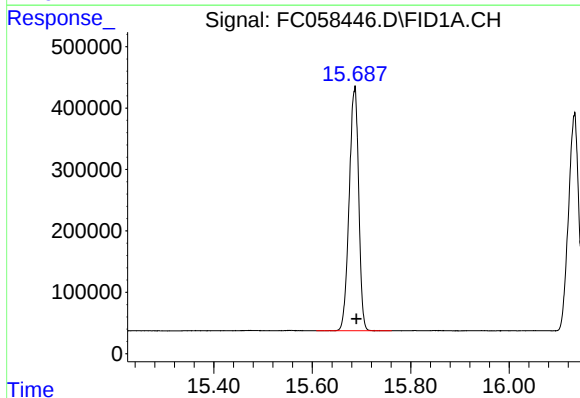
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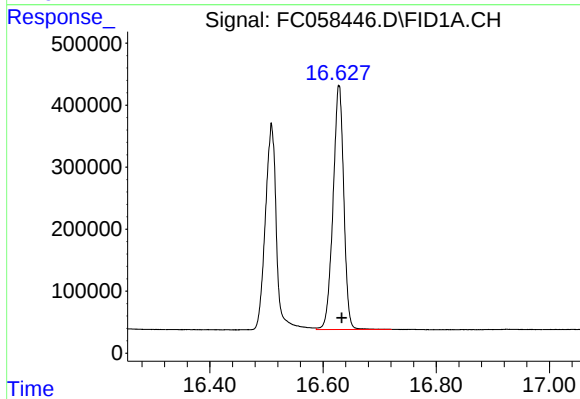
#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: -0.004 min
Response: 5800667
Conc: 44.92 ug/ml



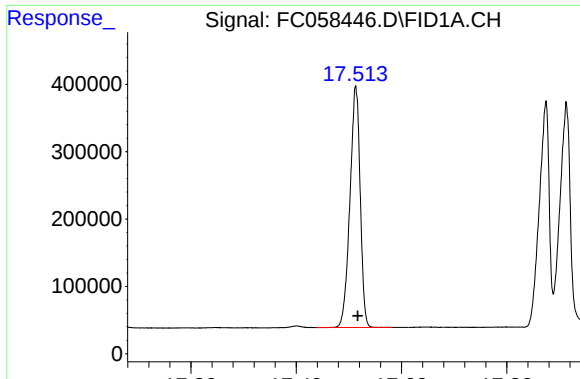
#15 n-Hexacosane (C26)

R.T.: 15.686 min
Delta R.T.: -0.004 min
Response: 5312258
Conc: 42.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.628 min
Delta R.T.: -0.005 min
Response: 5176574
Conc: 43.49 ug/ml



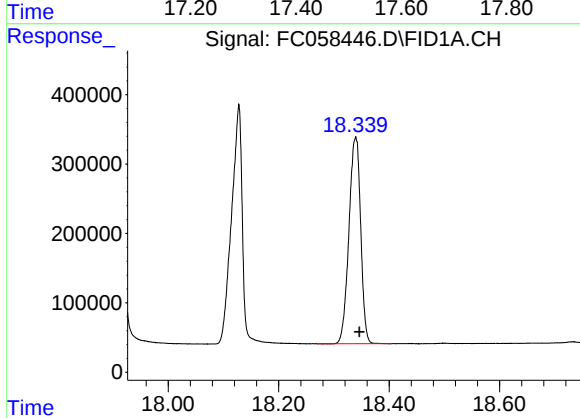
#17 n-Tricontane (C30)

R.T.: 17.513 min
Delta R.T.: -0.005 min
Response: 4842831
Conc: 43.02 ug/ml

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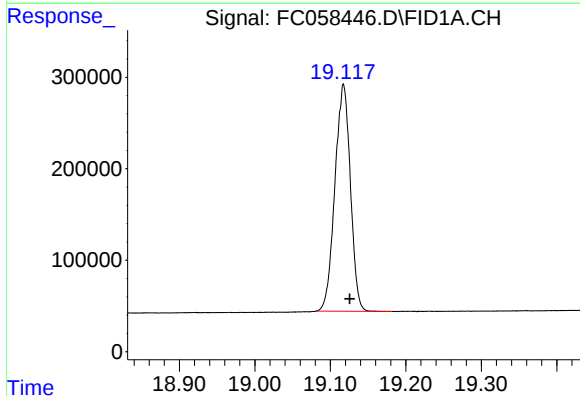
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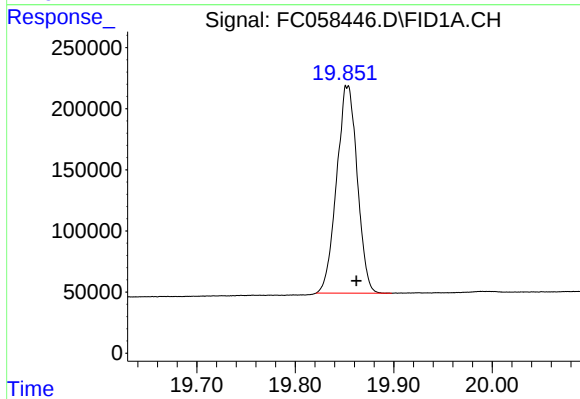
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: -0.007 min
Response: 4387297
Conc: 40.80 ug/ml



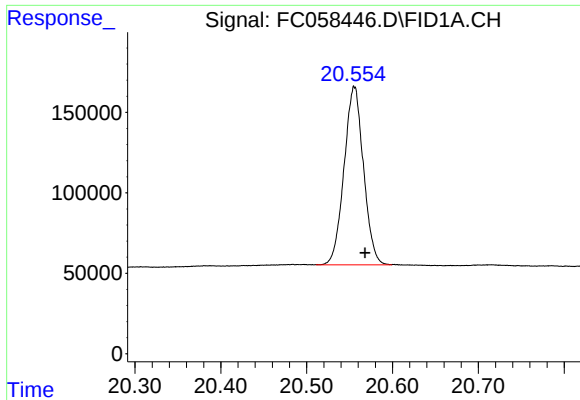
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.009 min
Response: 3536147
Conc: 36.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.853 min
Delta R.T.: -0.009 min
Response: 2464638
Conc: 27.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: -0.013 min
Response: 1743252
Conc: 20.03 ug/ml

Instrument :

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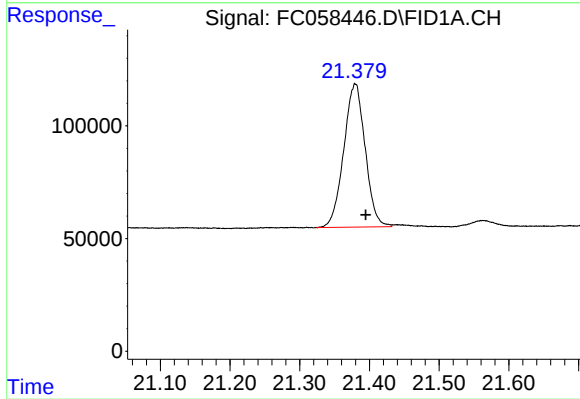
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#22 n-Tetracontane (C40)

R.T.: 21.378 min
Delta R.T.: -0.016 min
Response: 1356018
Conc: 16.16 ug/ml m