

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100721AL\
 Data File : FC056045.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2021 17:17
 Operator : AJ\MA
 Sample : PB139689BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB139689BS

Manual Integrations
 APPROVED

mohammad
 10/11/2021 8:16:36 AM

Integration File: autoint1.e
 Quant Time: Oct 08 01:13:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 2021
 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)	11.646	4716699	39.750 ug/ml
Spiked Amount 50.000		Recovery =	79.50%
12) S 1-chlorooctadecane (S...	13.077	3753035	40.850 ug/ml
Spiked Amount 50.000		Recovery =	81.70%
Target Compounds			
1) T n-Nonane (C9)	3.402	3965299	37.159 ug/mlm
2) T n-Decane (C10)	4.467	4213302	39.416 ug/ml
3) T A~Naphthalene (C11.7)	6.057	4584606	38.103 ug/ml
4) T n-Dodecane (C12)	6.484	4425619	40.774 ug/ml
5) T A~2-methylnaphthalene...	7.115	4465404	36.760 ug/ml
6) T n-Tetradecane (C14)	8.281	4595069	41.534 ug/ml
7) T n-Hexadecane (C16)	9.881	4645532	41.968 ug/ml
8) T n-Octadecane (C18)	11.323	4739811	42.349 ug/ml
10) T n-Eicosane (C20)	12.632	4505943	41.253 ug/ml
11) T n-Heneicosane (C21)	13.243	4440419	40.841 ug/ml
13) T n-Docosane (C22)	13.828	4360316	40.827 ug/ml
14) T n-Tetracosane (C24)	14.930	8504565	81.330 ug/ml
15) T n-Hexacosane (C26)	15.949	4232659	42.127 ug/ml
16) T n-Octacosane (C28)	16.897	4296373	44.417 ug/ml
17) T n-Tricontane (C30)	17.784	4156842	44.801 ug/ml
18) T n-Dotriacontane (C32)	18.612	4086148	45.960 ug/ml
19) T n-Tetratriacontane (C34)	19.392	3949160	45.661 ug/ml
20) T n-Hexatriacontane (C36)	20.128	3699626	45.282 ug/ml
21) T n-Octatriacontane (C38)	20.870	3466439	43.500 ug/ml
22) T n-Tetracontane (C40)	21.796	3485480	43.481 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 4 Sample Multiplier: 1

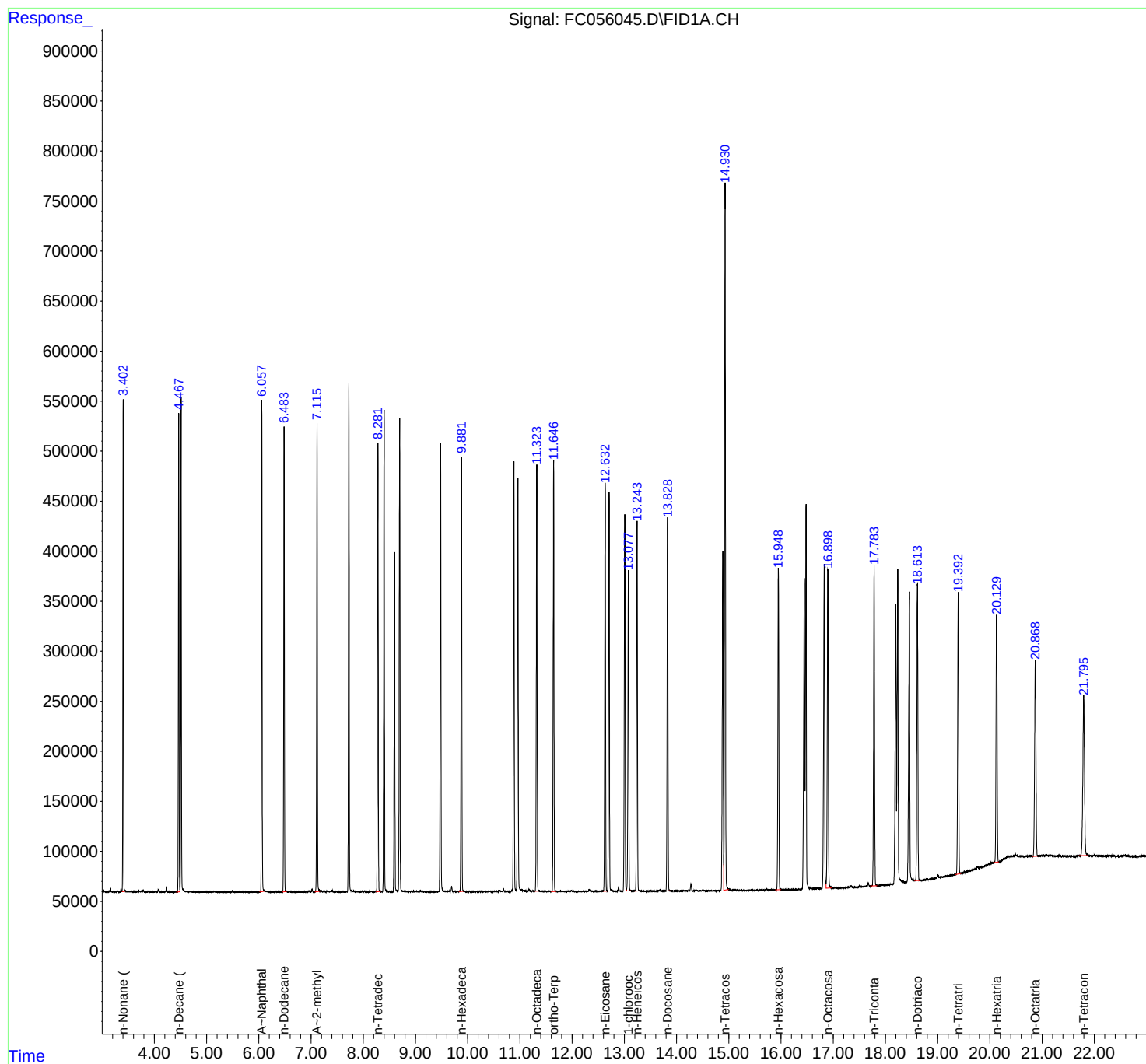
Instrument :
FID_C
ClientSampled :
PB139689BS

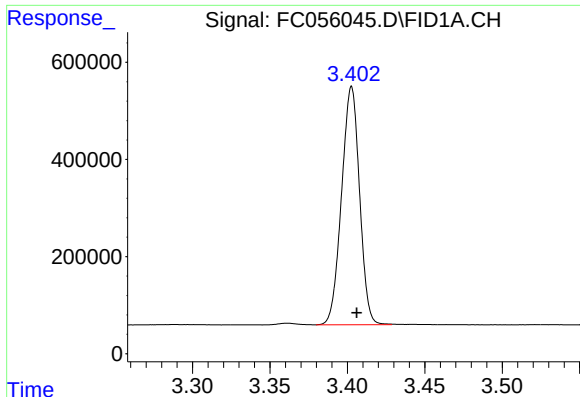
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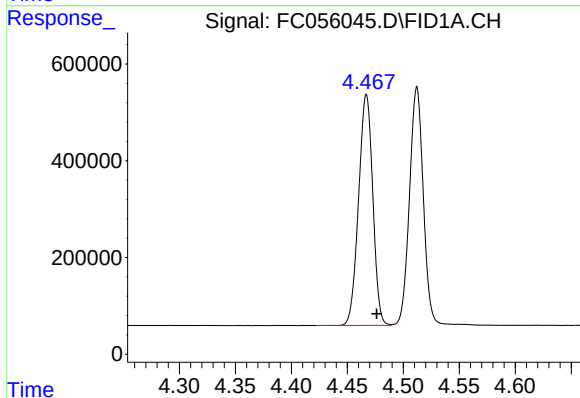
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: -0.004 min
Response: 3965299
Conc: 37.16 ug/ml m

Instrument :
FID_C
ClientSampleId :
PB139689BS

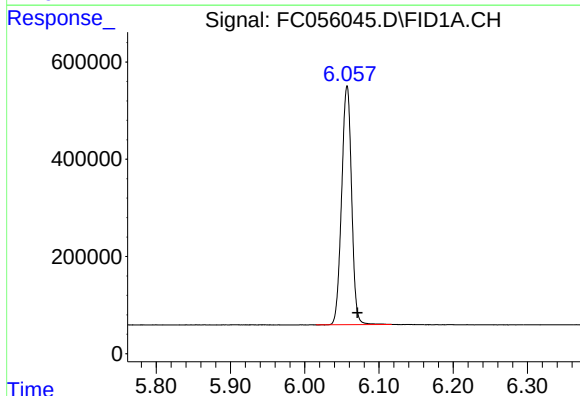
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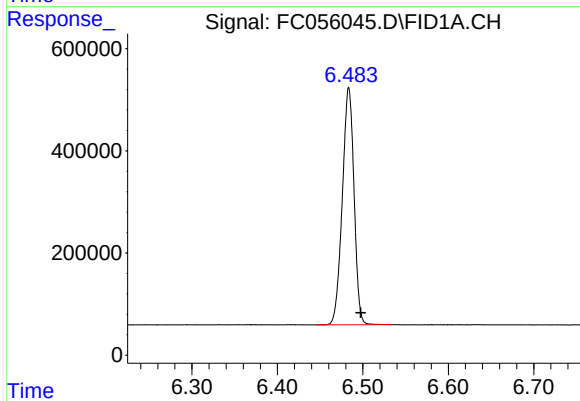
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.009 min
Response: 4213302
Conc: 39.42 ug/ml



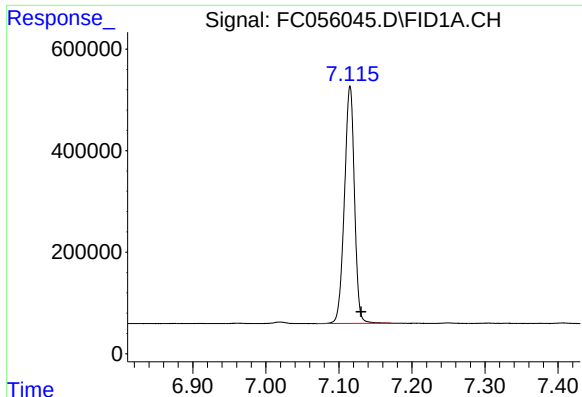
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.014 min
Response: 4584606
Conc: 38.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.014 min
Response: 4425619
Conc: 40.77 ug/ml



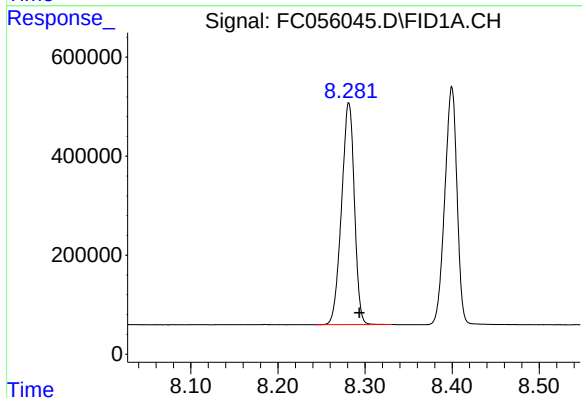
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.015 min
Response: 4465404
Conc: 36.76 ug/ml

Instrument :
FID_C
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PB139689BS

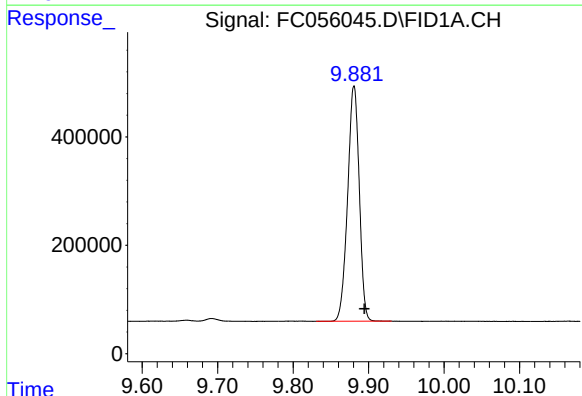
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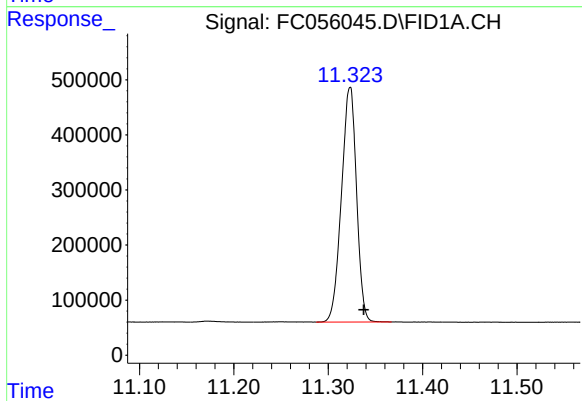
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.012 min
Response: 4595069
Conc: 41.53 ug/ml



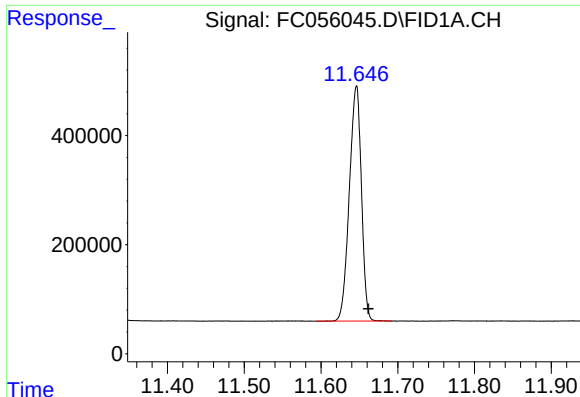
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.014 min
Response: 4645532
Conc: 41.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.015 min
Response: 4739811
Conc: 42.35 ug/ml



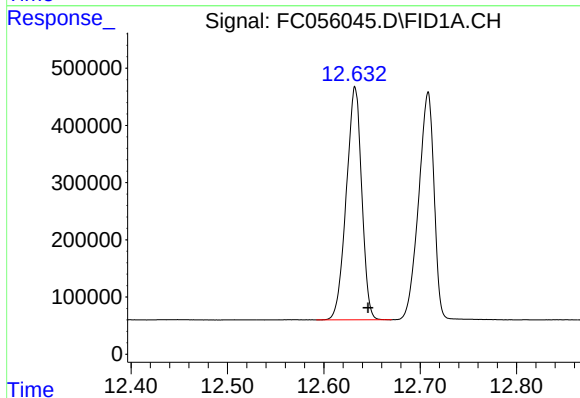
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.016 min
Response: 4716699
Conc: 39.75 ug/ml

Instrument :
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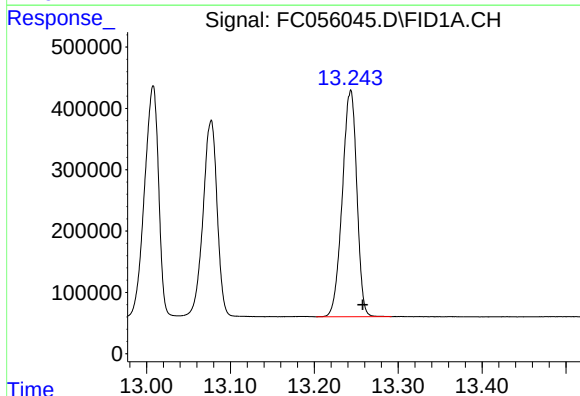
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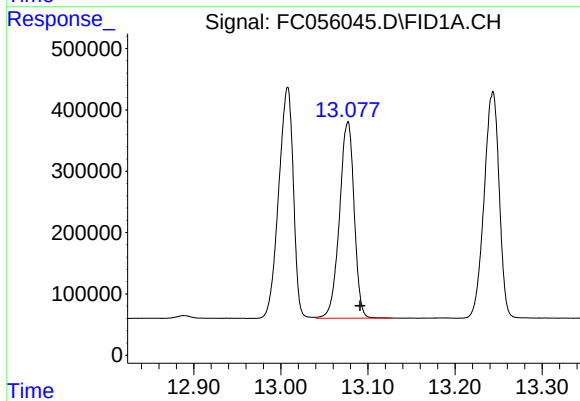
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.014 min
Response: 4505943
Conc: 41.25 ug/ml



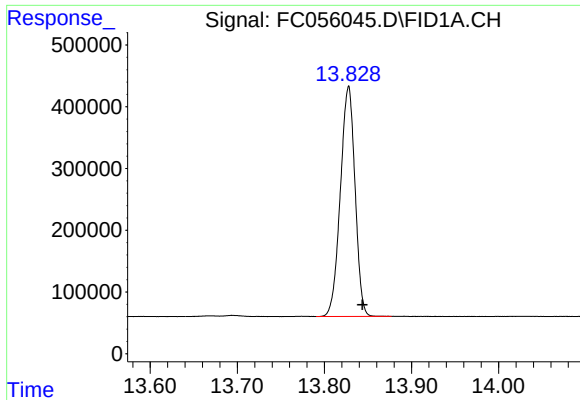
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.015 min
Response: 4440419
Conc: 40.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.014 min
Response: 3753035
Conc: 40.85 ug/ml



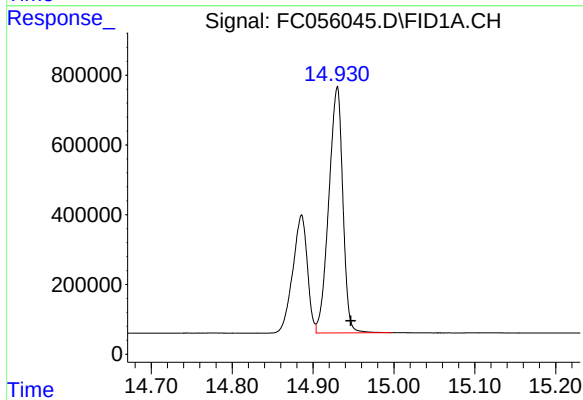
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.016 min
Response: 4360316
Conc: 40.83 ug/ml

Instrument :
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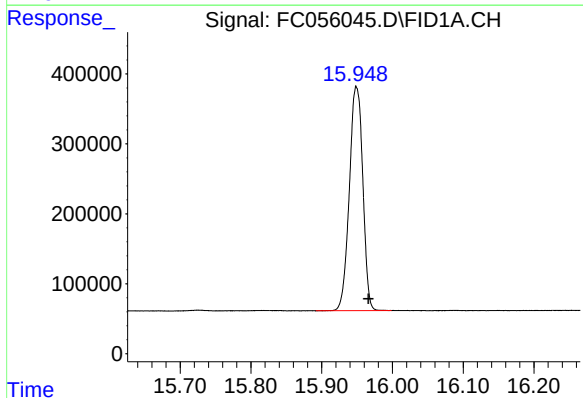
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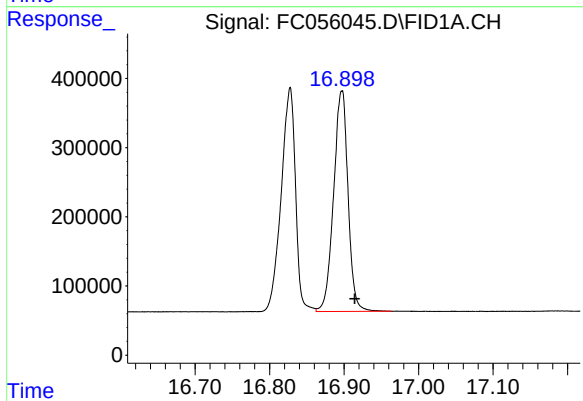
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.017 min
Response: 8504565
Conc: 81.33 ug/ml



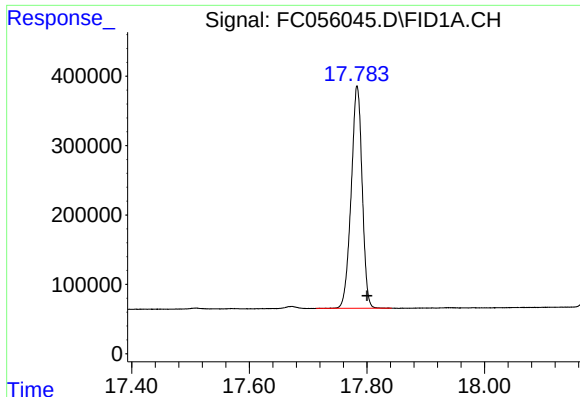
#15 n-Hexacosane (C26)

R.T.: 15.949 min
Delta R.T.: -0.017 min
Response: 4232659
Conc: 42.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.018 min
Response: 4296373
Conc: 44.42 ug/ml



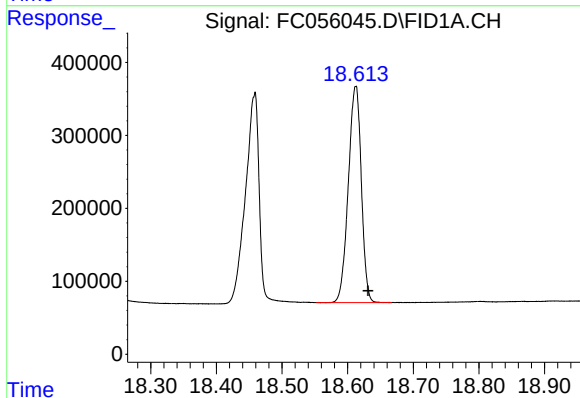
#17 n-Tricontane (C30)

R.T.: 17.784 min
Delta R.T.: -0.017 min
Response: 4156842
Conc: 44.80 ug/ml

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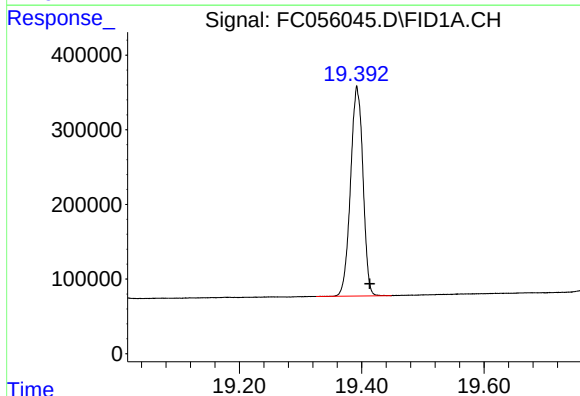
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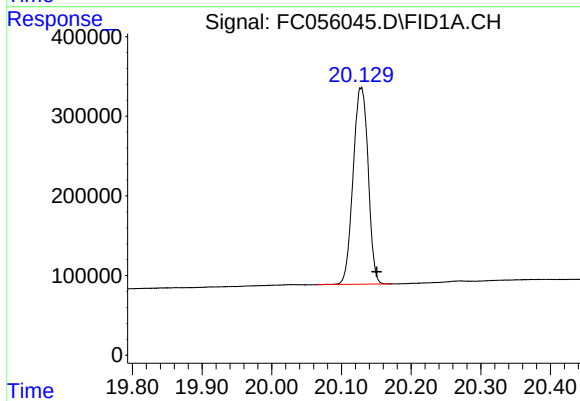
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: -0.019 min
Response: 4086148
Conc: 45.96 ug/ml



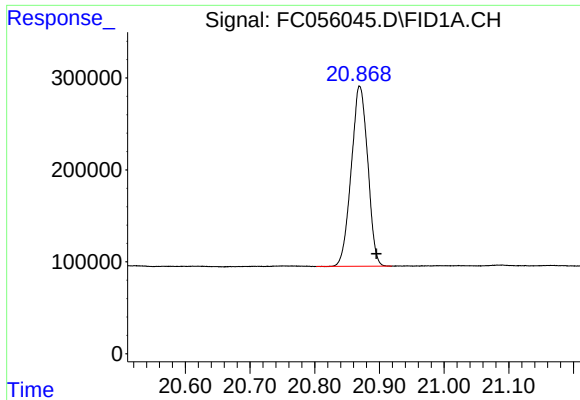
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: -0.021 min
Response: 3949160
Conc: 45.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.022 min
Response: 3699626
Conc: 45.28 ug/ml



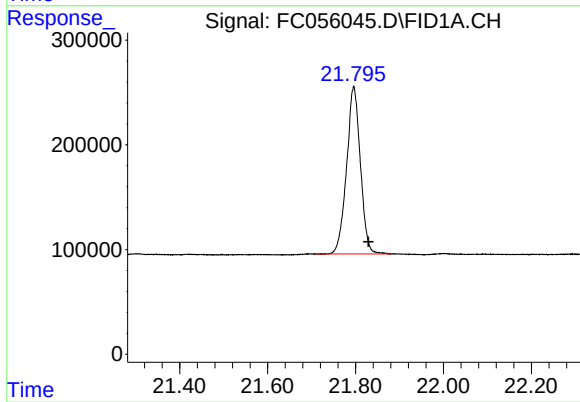
#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: -0.026 min
Response: 3466439
Conc: 43.50 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: -0.034 min
Response: 3485480
Conc: 43.48 ug/ml