

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051322AL\
 Data File : FC059755.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 19:28
 Operator : UA/NP
 Sample : PB144795BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144795BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File: sample.E
 Quant Time: May 13 23:56:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.652	5764237	39.254 ug/ml
Spiked Amount 50.000		Recovery =	78.51%
12) S 1-chlorooctadecane (S...	12.020	4638316	40.305 ug/ml
Spiked Amount 50.000		Recovery =	80.61%
Target Compounds			
1) T n-Nonane (C9)	2.645	5089926	39.858 ug/ml
2) T n-Decane (C10)	3.637	5474126	43.224 ug/ml
3) T A~Naphthalene (C11.7)	5.166	6752719	45.861 ug/ml
4) T n-Dodecane (C12)	5.584	5979066	45.465 ug/ml
5) T A~2-methylnaphthalene...	6.189	6757595	44.955 ug/ml
6) T n-Tetradecane (C14)	7.338	6138118	45.617 ug/ml
7) T n-Hexadecane (C16)	8.900	6284909	45.804 ug/ml
8) T n-Octadecane (C18)	10.309	6530187	47.386 ug/ml
10) T n-Eicosane (C20)	11.589	6190051	46.024 ug/mlm
11) T n-Heneicosane (C21)	12.184	6055289	45.391 ug/ml
13) T n-Docosane (C22)	12.757	5908202	45.018 ug/ml
14) T n-Tetracosane (C24)	13.827	11031373	87.675 ug/ml
15) T n-Hexacosane (C26)	14.834	5369826	44.962 ug/ml
16) T n-Octacosane (C28)	15.759	5181654	45.515 ug/ml
17) T n-Tricontane (C30)	16.629	4866929	44.275 ug/ml
18) T n-Dotriacontane (C32)	17.440	4839371	46.810 ug/mlm
19) T n-Tetratriacontane (C34)	18.202	4398342	45.051 ug/mlm
20) T n-Hexatriacontane (C36)	18.926	4141491	44.612 ug/mlm
21) T n-Octatriacontane (C38)	19.607	3993999	41.957 ug/mlm
22) T n-Tetracontane (C40)	20.256	3920677	41.417 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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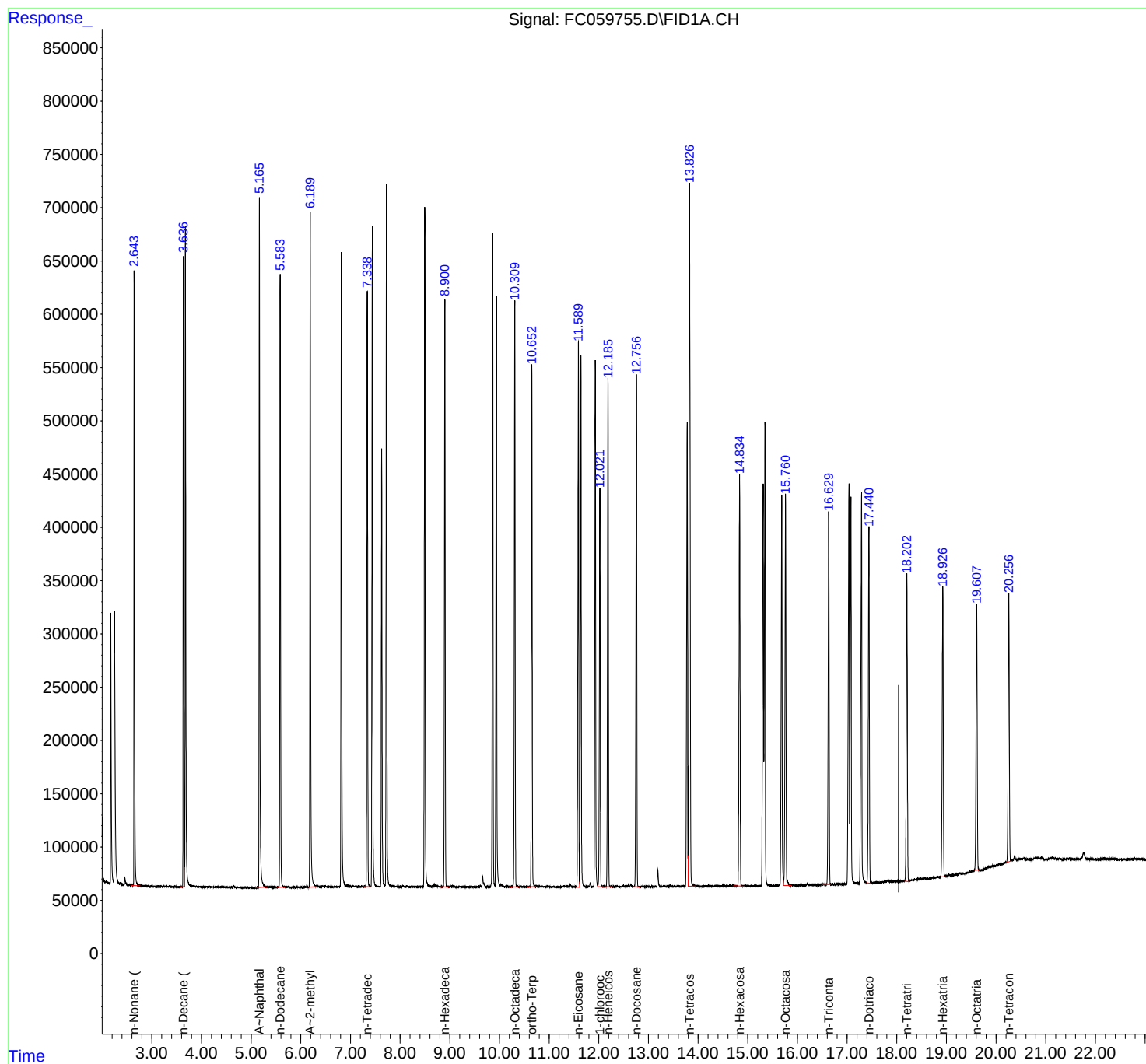
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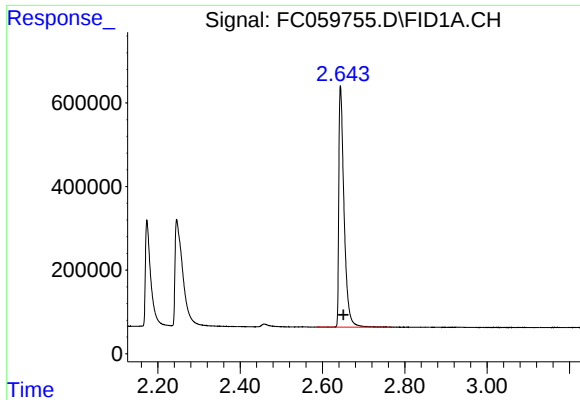
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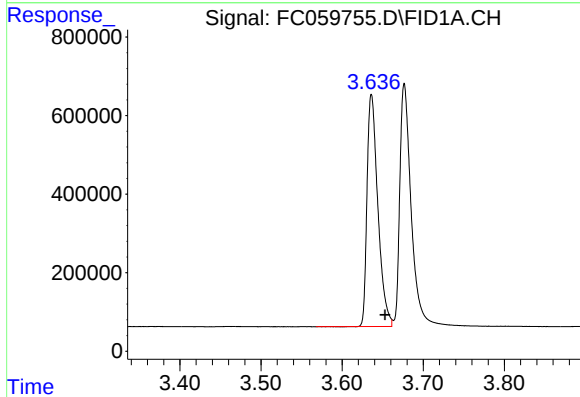
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: -0.006 min
Response: 5089926
Conc: 39.86 ug/ml

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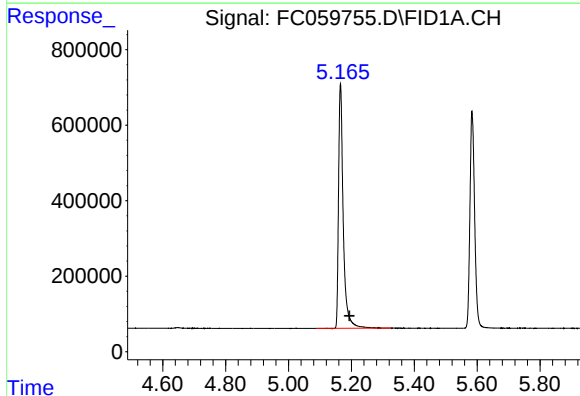
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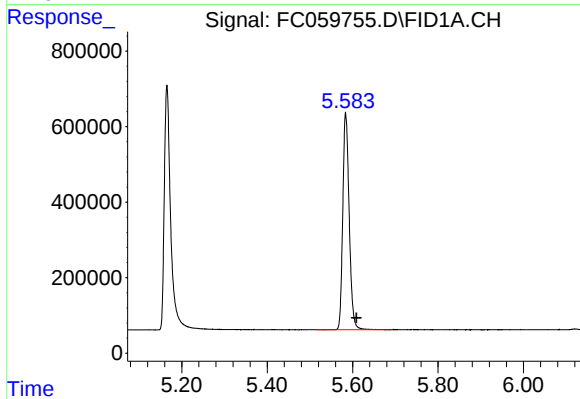
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: -0.016 min
Response: 5474126
Conc: 43.22 ug/ml



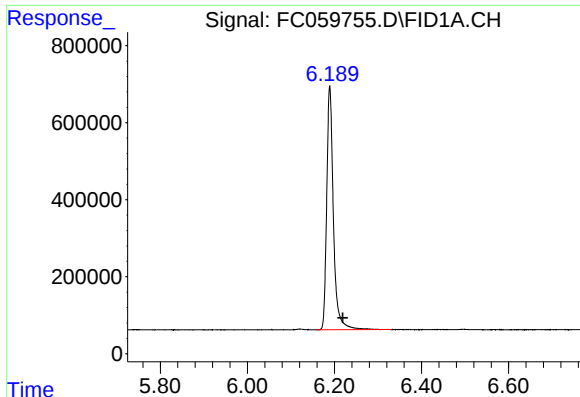
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.029 min
Response: 6752719
Conc: 45.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: -0.024 min
Response: 5979066
Conc: 45.47 ug/ml



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

R.T.: 6.189 min
Delta R.T.: -0.030 min
Response: 6757595
Conc: 44.96 ug/ml

Instrument :

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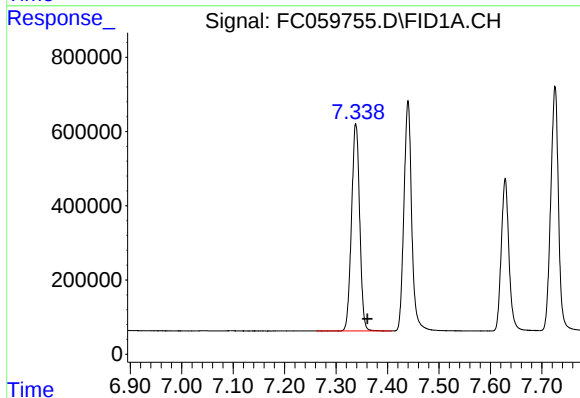
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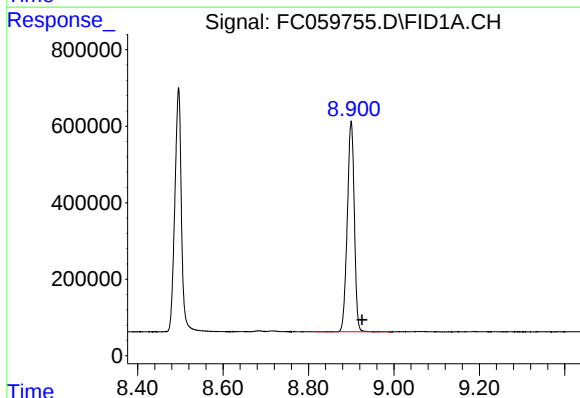
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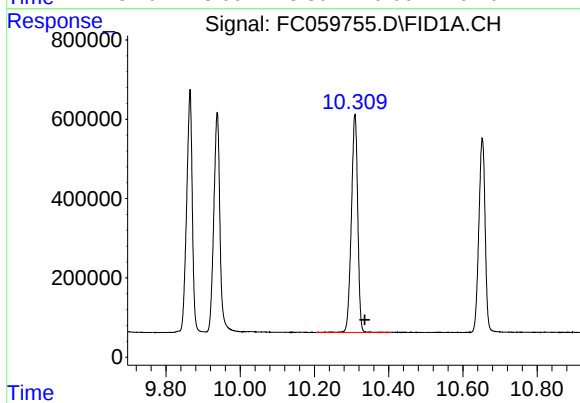
#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.022 min
Response: 6138118
Conc: 45.62 ug/ml



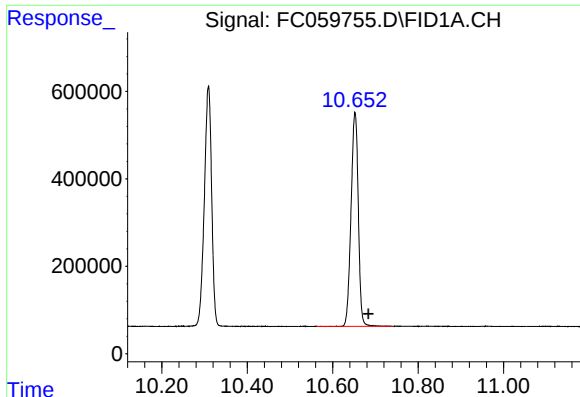
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: -0.026 min
Response: 6284909
Conc: 45.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: -0.027 min
Response: 6530187
Conc: 47.39 ug/ml



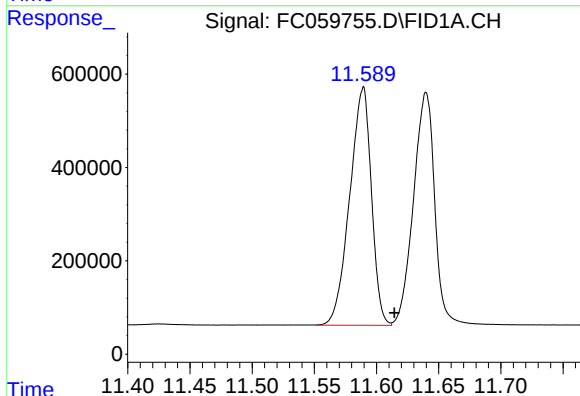
#9 ortho-Terphenyl (SURR)

R.T.: 10.652 min
Delta R.T.: -0.031 min
Response: 5764237
Conc: 39.25 ug/ml

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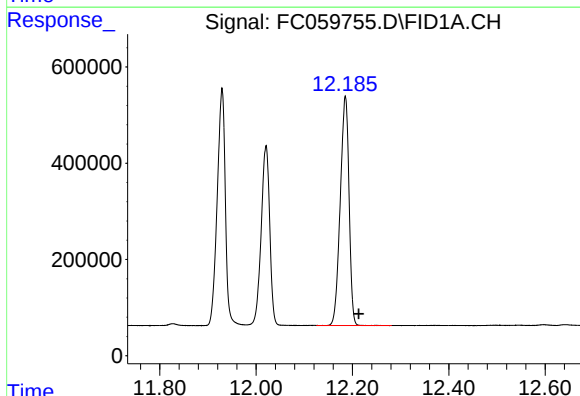
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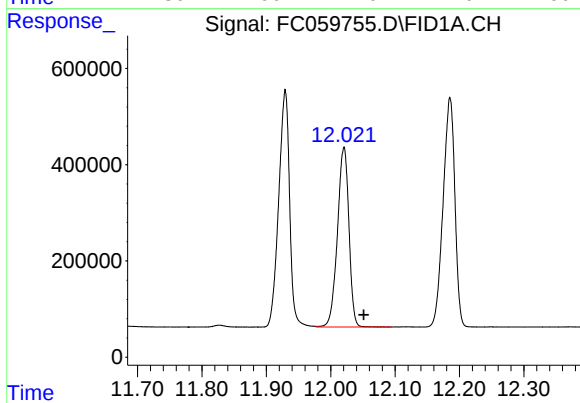
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: -0.025 min
Response: 6190051
Conc: 46.02 ug/ml m



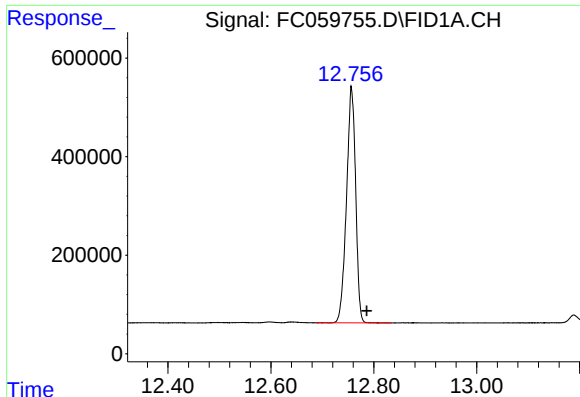
#11 n-Heneicosane (C21)

R.T.: 12.184 min
Delta R.T.: -0.028 min
Response: 6055289
Conc: 45.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.031 min
Response: 4638316
Conc: 40.31 ug/ml



#13 n-Docosane (C22)

R.T.: 12.757 min
Delta R.T.: -0.030 min
Response: 5908202
Conc: 45.02 ug/ml

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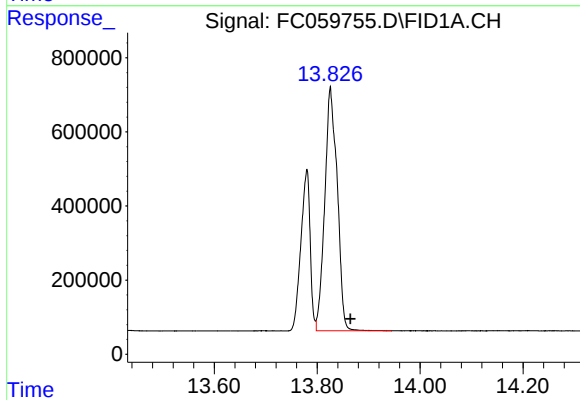
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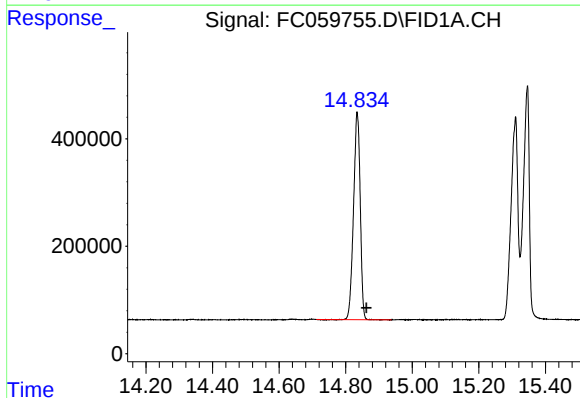
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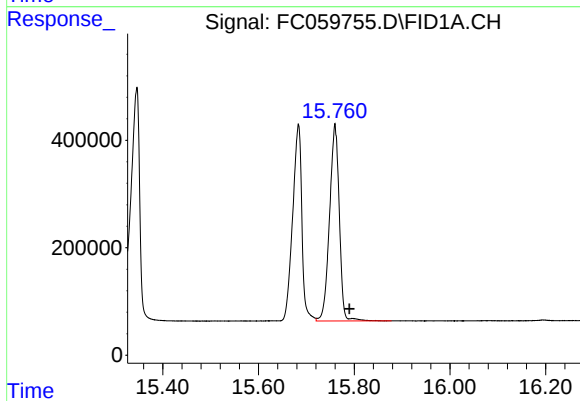
#14 n-Tetracosane (C24)

R.T.: 13.827 min
Delta R.T.: -0.038 min
Response: 11031373
Conc: 87.67 ug/ml



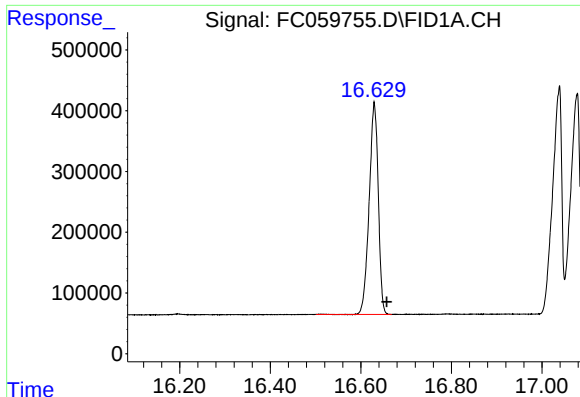
#15 n-Hexacosane (C26)

R.T.: 14.834 min
Delta R.T.: -0.028 min
Response: 5369826
Conc: 44.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.759 min
Delta R.T.: -0.031 min
Response: 5181654
Conc: 45.51 ug/ml



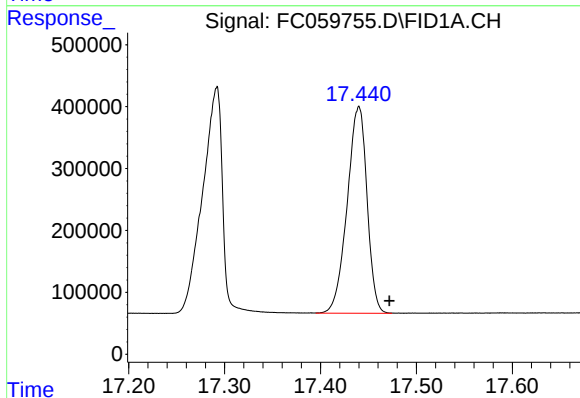
#17 n-Tricontane (C30)

R.T.: 16.629 min
Delta R.T.: -0.028 min
Response: 4866929
Conc: 44.28 ug/ml

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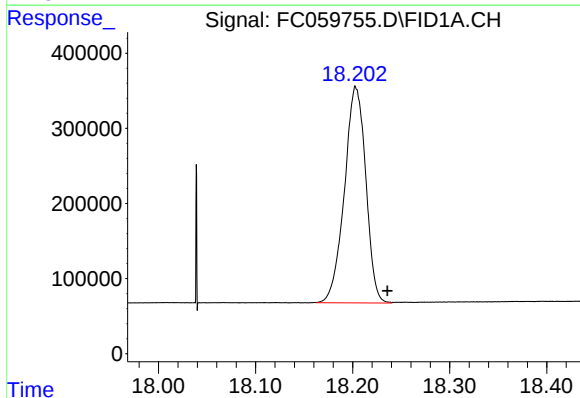
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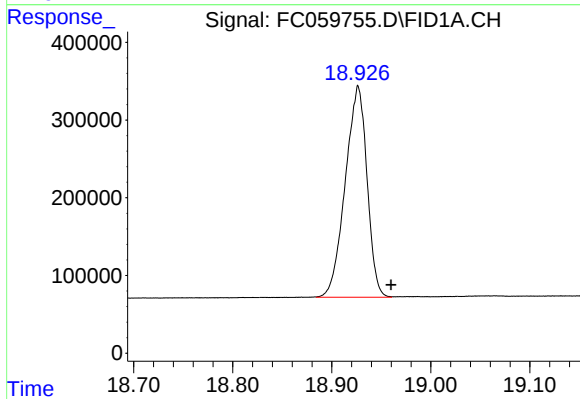
#18 n-Dotriacontane (C32)

R.T.: 17.440 min
Delta R.T.: -0.032 min
Response: 4839371
Conc: 46.81 ug/ml m



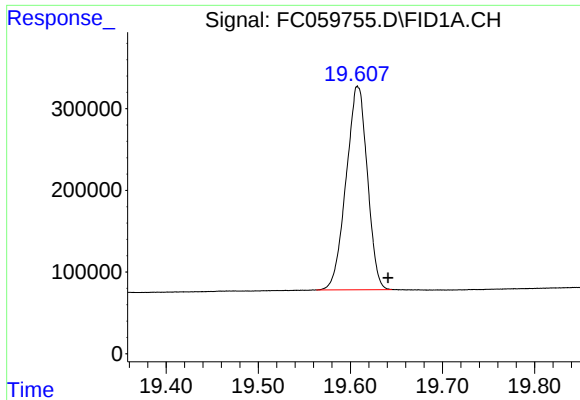
#19 n-Tetratriacontane (C34)

R.T.: 18.202 min
Delta R.T.: -0.034 min
Response: 4398342
Conc: 45.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.926 min
Delta R.T.: -0.034 min
Response: 4141491
Conc: 44.61 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.607 min
Delta R.T.: -0.034 min
Response: 3993999
Conc: 41.96 ug/ml

Instrument :

FID_C

ClientSampleId :

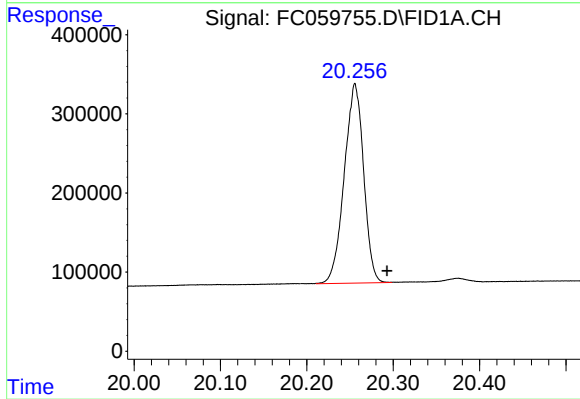
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#22 n-Tetracontane (C40)

R.T.: 20.256 min
Delta R.T.: -0.037 min
Response: 3920677
Conc: 41.42 ug/ml m