

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100821AL\
 Data File : FC056073.D
 Signal(s) : FID1A.CH
 Acq On : 08 Oct 2021 23:06
 Operator : AJ\MA
 Sample : M4117-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SB-3(6.5-7.0)MSD

Manual Integrations
 APPROVED

mohammad
 10/12/2021 9:43:01 AM

Integration File: sample.E
 Quant Time: Oct 09 03:04:36 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)	11.644	4418525	37.237 ug/ml
Spiked Amount 50.000		Recovery =	74.47%
12) S 1-chlorooctadecane (S...	13.076	3467351	37.741 ug/ml
Spiked Amount 50.000		Recovery =	75.48%
Target Compounds			
1) T n-Nonane (C9)	3.398	3885347	36.409 ug/mlm
2) T n-Decane (C10)	4.466	4733482	44.282 ug/ml
3) T A~Naphthalene (C11.7)	6.057	5061658	42.068 ug/ml
4) T n-Dodecane (C12)	6.484	5127094	47.237 ug/ml
5) T A~2-methylnaphthalene...	7.115	4978950	40.988 ug/ml
6) T n-Tetradecane (C14)	8.281	5259346	47.538 ug/ml
7) T n-Hexadecane (C16)	9.881	5460233	49.328 ug/ml
8) T n-Octadecane (C18)	11.322	5751178	51.386 ug/ml
10) T n-Eicosane (C20)	12.632	5538762	50.709 ug/ml
11) T n-Heneicosane (C21)	13.243	5256938	48.351 ug/ml
13) T n-Docosane (C22)	13.828	5384992	50.422 ug/ml
14) T n-Tetracosane (C24)	14.930	10333011	98.816 ug/ml
15) T n-Hexacosane (C26)	15.950	5254874	52.301 ug/ml
16) T n-Octacosane (C28)	16.897	5375538	55.573 ug/ml
17) T n-Tricontane (C30)	17.783	5124893	55.234 ug/ml
18) T n-Dotriacontane (C32)	18.610	5051300	56.816 ug/ml
19) T n-Tetratriacontane (C34)	19.391	4807243	55.582 ug/ml
20) T n-Hexatriacontane (C36)	20.127	4476459	54.790 ug/ml
21) T n-Octatriacontane (C38)	20.870	4191095	52.594 ug/ml
22) T n-Tetracontane (C40)	21.796	4141267	51.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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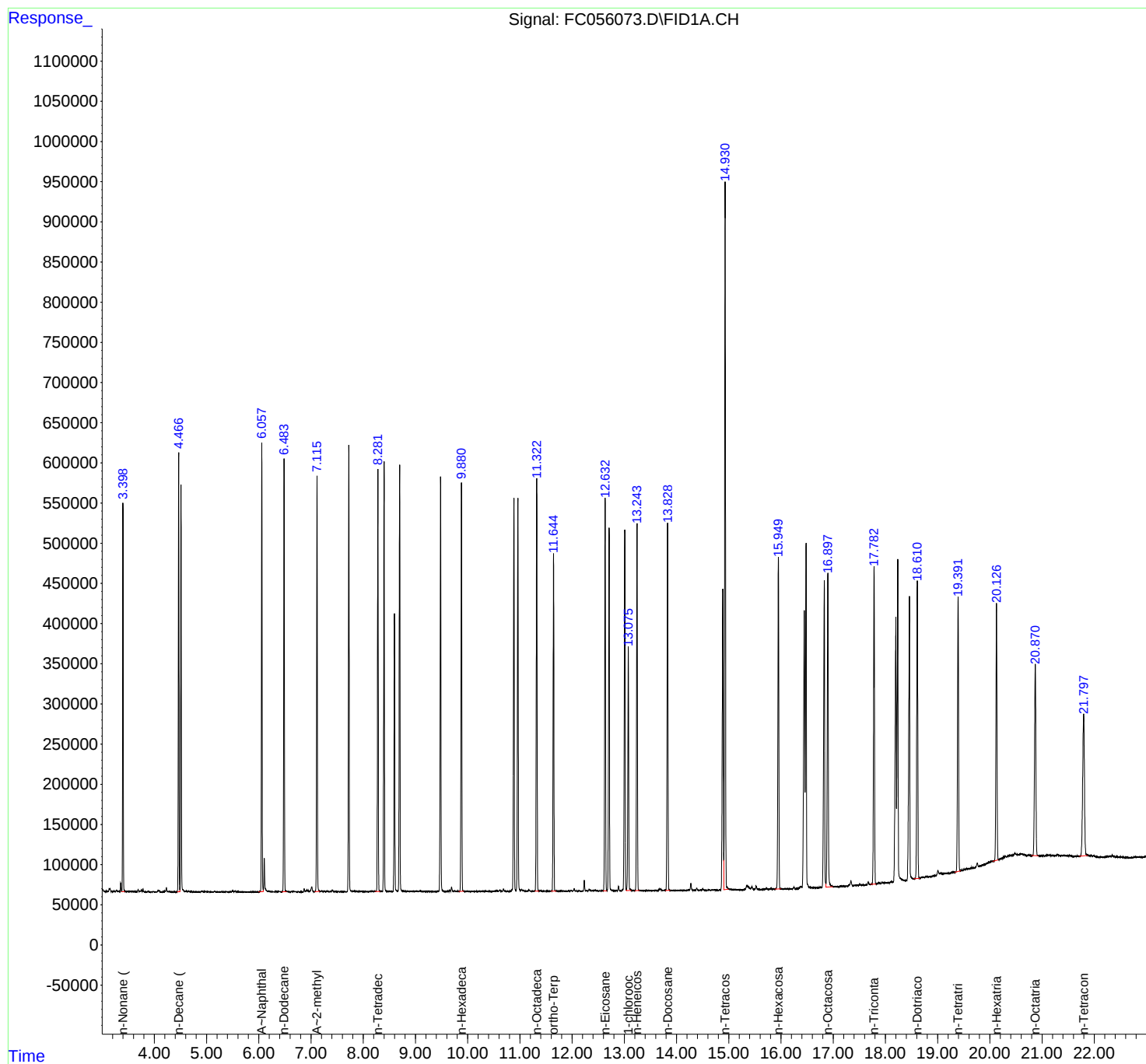
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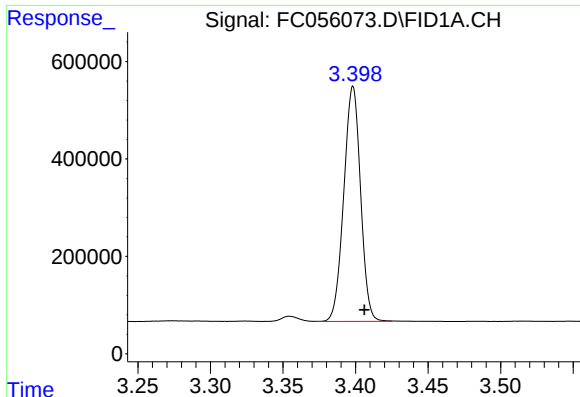
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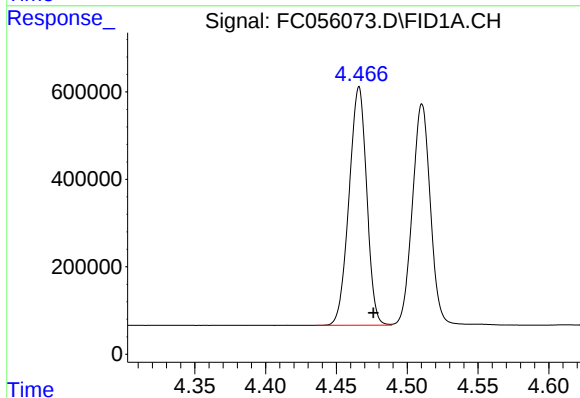
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: -0.008 min
Response: 3885347
Conc: 36.41 ug/ml m

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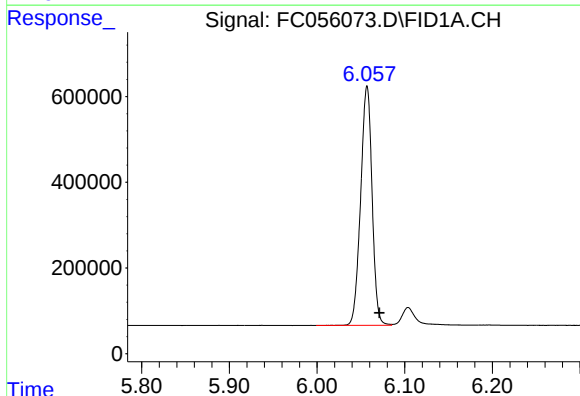
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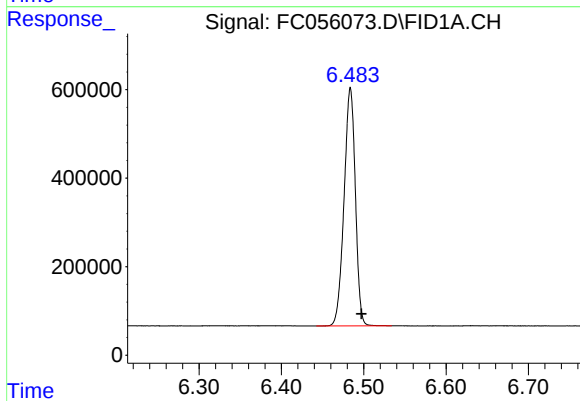
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.010 min
Response: 4733482
Conc: 44.28 ug/ml



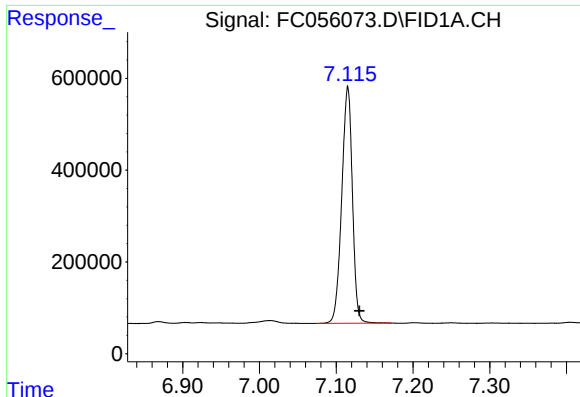
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.014 min
Response: 5061658
Conc: 42.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.014 min
Response: 5127094
Conc: 47.24 ug/ml



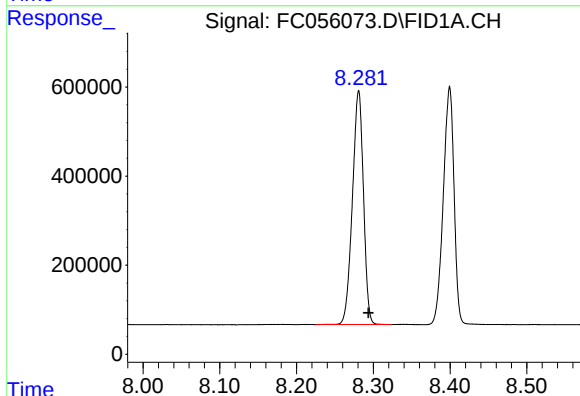
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.015 min
Response: 4978950
Conc: 40.99 ug/ml

Instrument :
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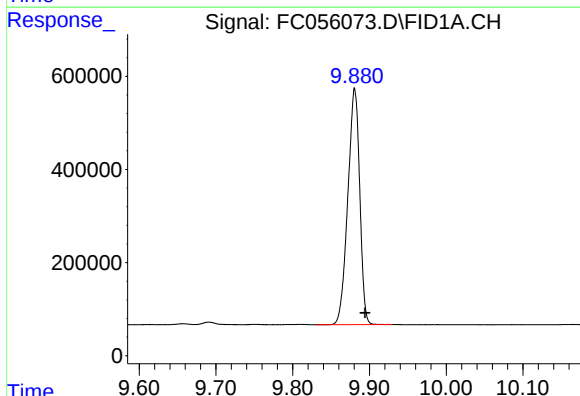
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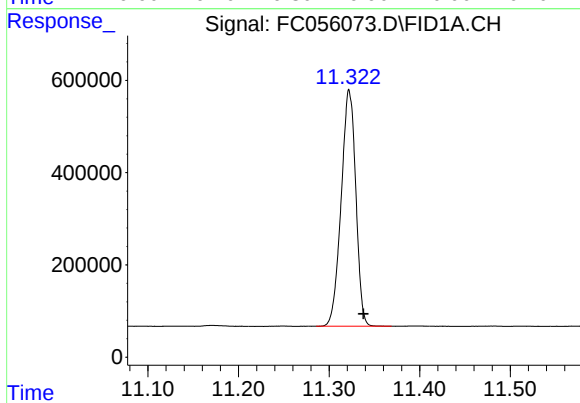
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.013 min
Response: 5259346
Conc: 47.54 ug/ml



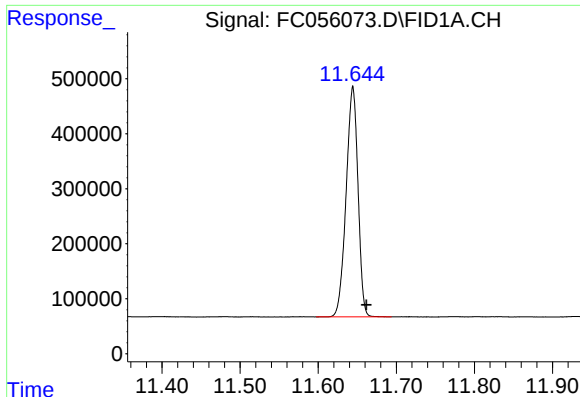
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.014 min
Response: 5460233
Conc: 49.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: -0.016 min
Response: 5751178
Conc: 51.39 ug/ml



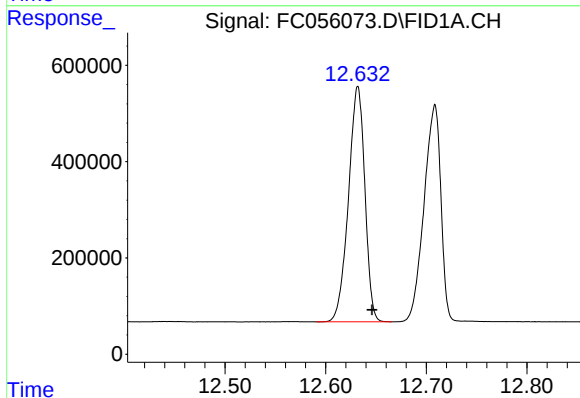
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.017 min
Response: 4418525
Conc: 37.24 ug/ml

Instrument :
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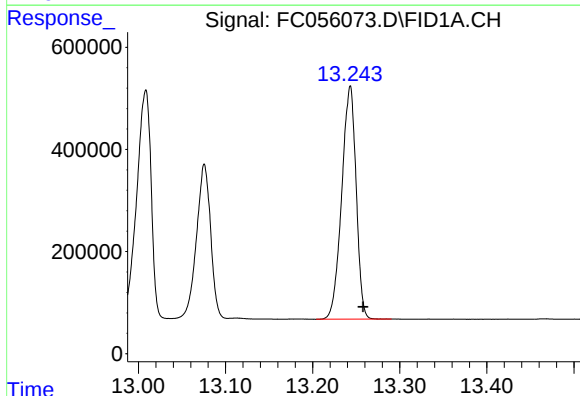
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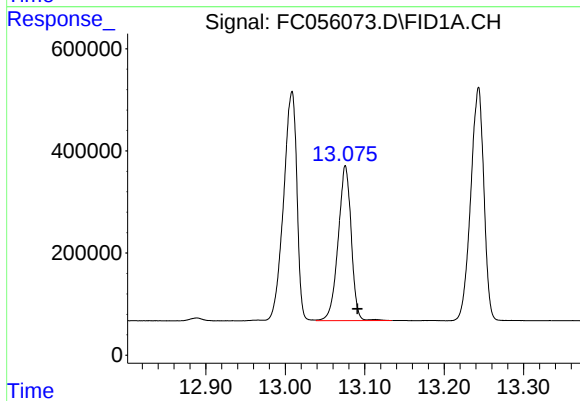
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.014 min
Response: 5538762
Conc: 50.71 ug/ml



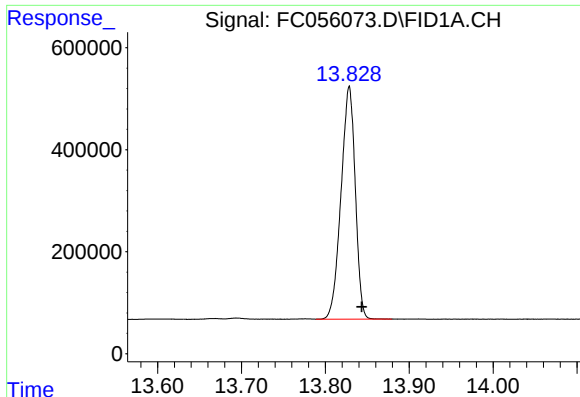
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.015 min
Response: 5256938
Conc: 48.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: -0.015 min
Response: 3467351
Conc: 37.74 ug/ml



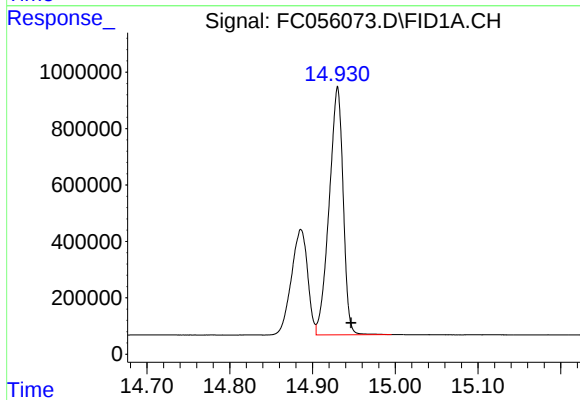
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.015 min
Response: 5384992
Conc: 50.42 ug/ml

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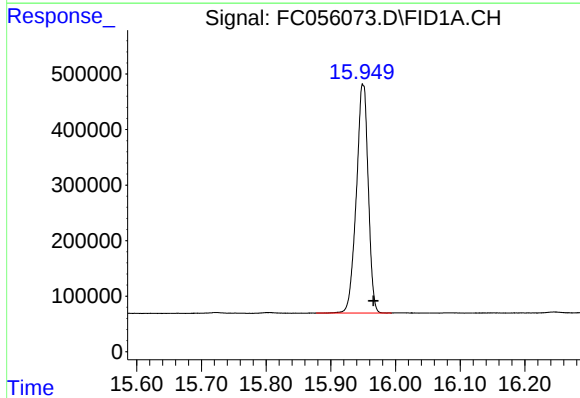
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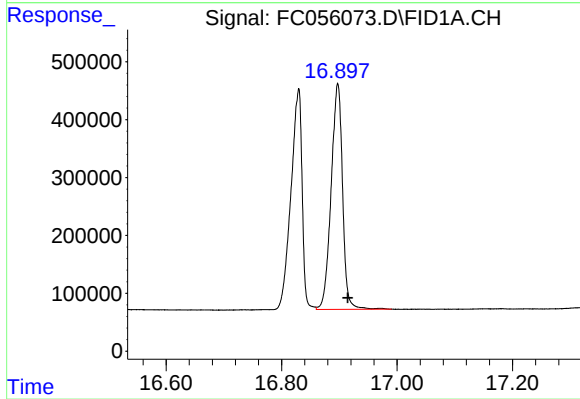
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.016 min
Response: 10333011
Conc: 98.82 ug/ml



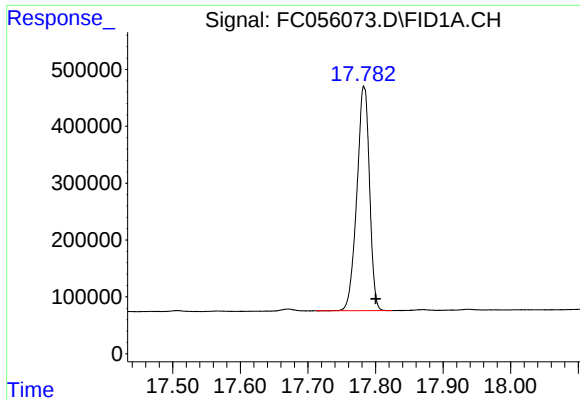
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.016 min
Response: 5254874
Conc: 52.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.017 min
Response: 5375538
Conc: 55.57 ug/ml



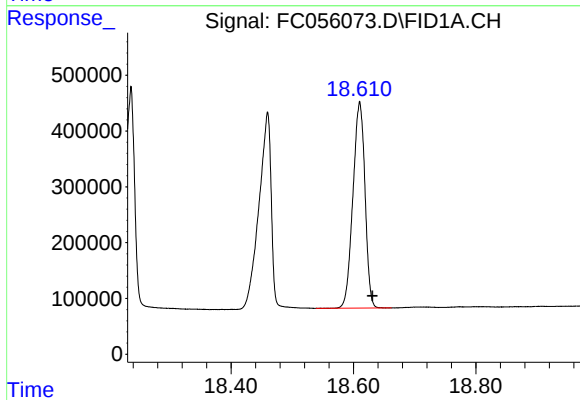
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.017 min
Response: 5124893
Conc: 55.23 ug/ml

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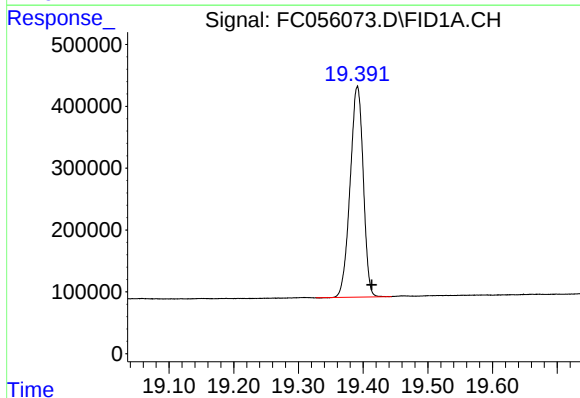
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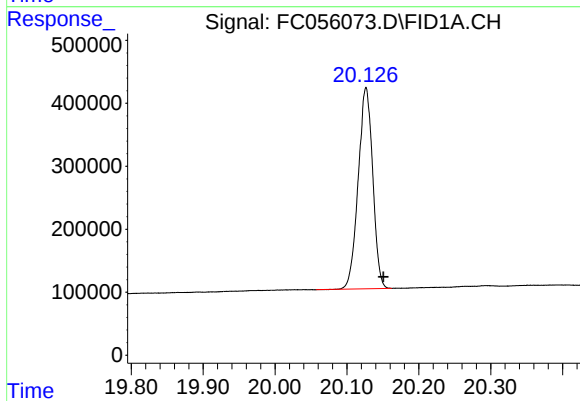
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: -0.021 min
Response: 5051300
Conc: 56.82 ug/ml



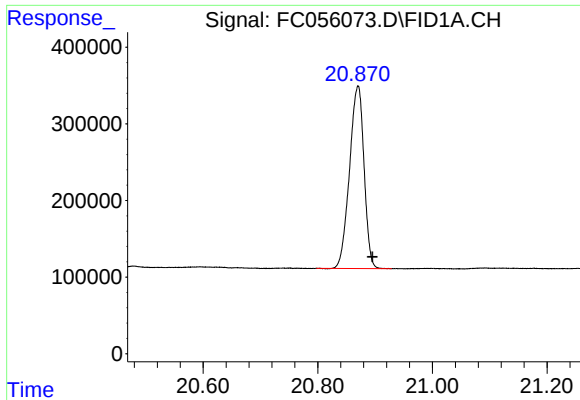
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: -0.022 min
Response: 4807243
Conc: 55.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.024 min
Response: 4476459
Conc: 54.79 ug/ml



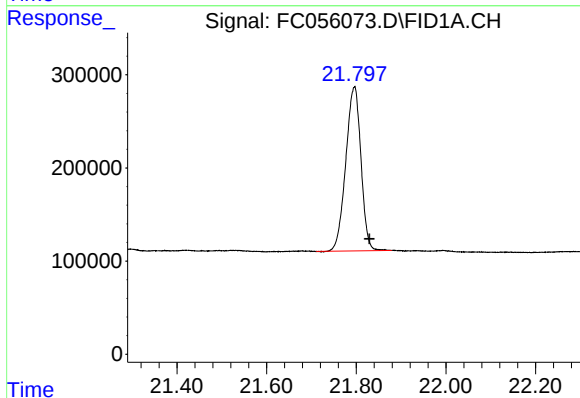
#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: -0.025 min
Response: 4191095
Conc: 52.59 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: -0.034 min
Response: 4141267
Conc: 51.66 ug/ml