

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101121AL\
 Data File : FC056097.D
 Signal(s) : FID1A.CH
 Acq On : 11 Oct 2021 17:30
 Operator : AJ\MA
 Sample : PB139780BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB139780BSD

Manual Integrations
 APPROVED

mohammad
 10/13/2021 1:20:42 PM

Integration File: autoint1.e
 Quant Time: Oct 12 03:10:57 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)	11.645	5565751	46.905 ug/ml
Spiked Amount 50.000		Recovery =	93.81%
12) S 1-chlorooctadecane (S...	13.075	4421164	48.123 ug/ml
Spiked Amount 50.000		Recovery =	96.25%
Target Compounds			
1) T n-Nonane (C9)	3.398	4275553	40.066 ug/mlm
2) T n-Decane (C10)	4.464	4858902	45.455 ug/ml
3) T A~Naphthalene (C11.7)	6.055	5634411	46.828 ug/ml
4) T n-Dodecane (C12)	6.481	5670817	52.246 ug/ml
5) T A~2-methylnaphthalene...	7.113	5700994	46.932 ug/ml
6) T n-Tetradecane (C14)	8.279	5873152	53.086 ug/ml
7) T n-Hexadecane (C16)	9.879	5762001	52.055 ug/ml
8) T n-Octadecane (C18)	11.321	5806347	51.879 ug/ml
10) T n-Eicosane (C20)	12.630	5501271	50.365 ug/ml
11) T n-Heneicosane (C21)	13.241	5421022	49.861 ug/ml
13) T n-Docosane (C22)	13.827	5325713	49.867 ug/ml
14) T n-Tetracosane (C24)	14.930	10246396	97.988 ug/ml
15) T n-Hexacosane (C26)	15.949	5154666	51.303 ug/ml
16) T n-Octacosane (C28)	16.895	5215833	53.922 ug/ml
17) T n-Tricontane (C30)	17.782	5061345	54.549 ug/ml
18) T n-Dotriacontane (C32)	18.610	4979111	56.004 ug/ml
19) T n-Tetratriacontane (C34)	19.390	4821334	55.745 ug/ml
20) T n-Hexatriacontane (C36)	20.127	4499564	55.073 ug/ml
21) T n-Octatriacontane (C38)	20.868	4353347	54.630 ug/ml
22) T n-Tetracontane (C40)	21.795	4392795	54.800 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 11 Oct 2021 17:30
Operator : AJ\MA
Sample : PB139780BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

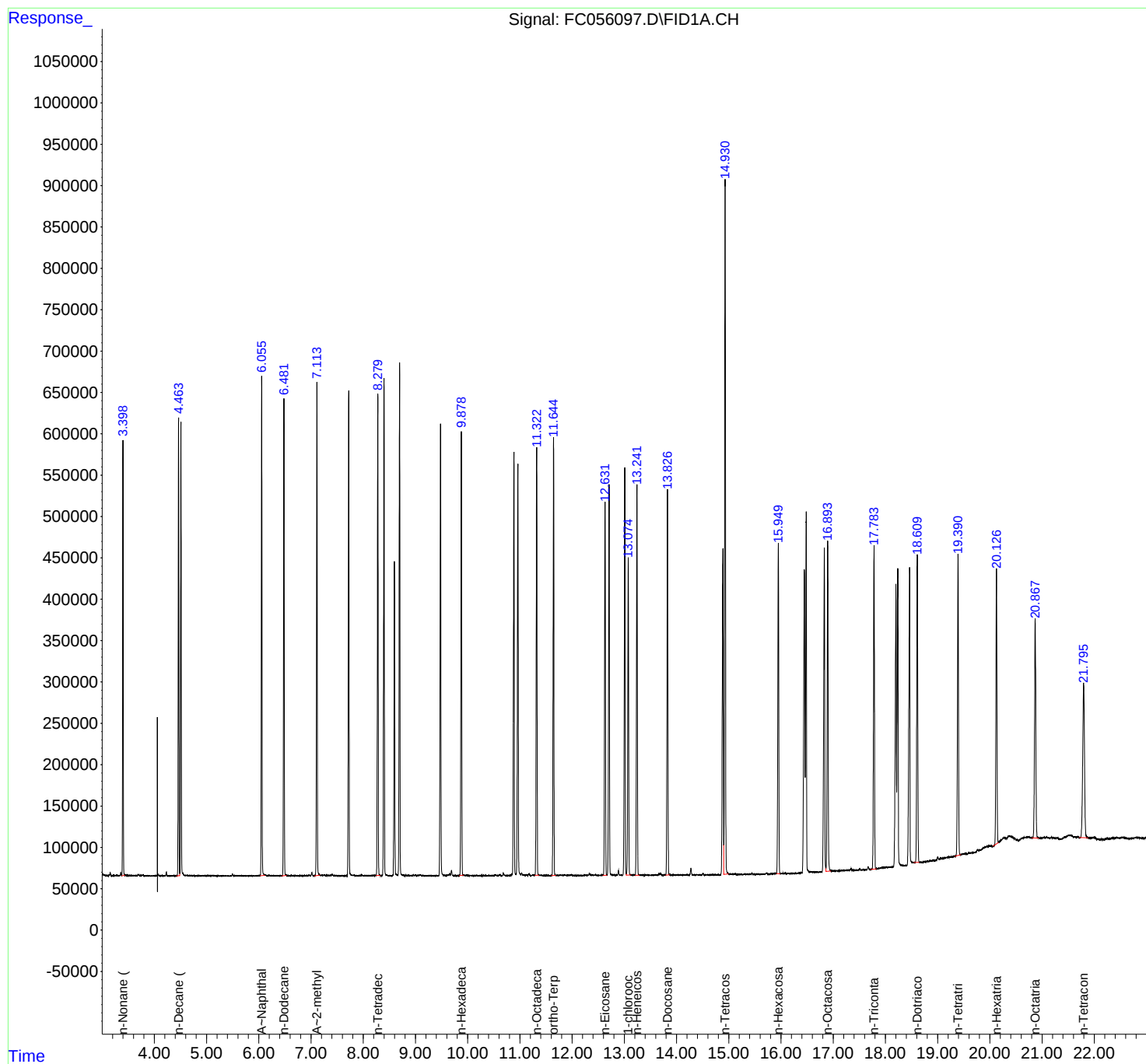
Instrument :
FID_C
ClientSampled :
PB139780BSD

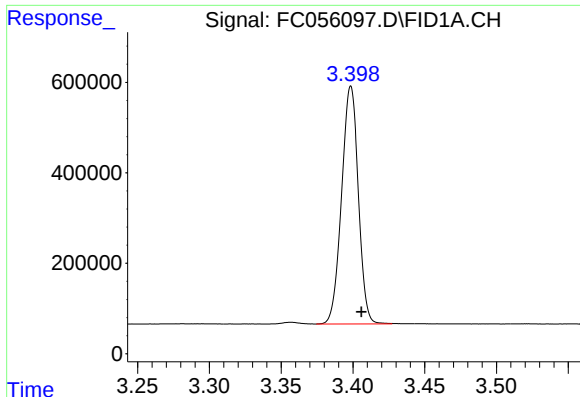
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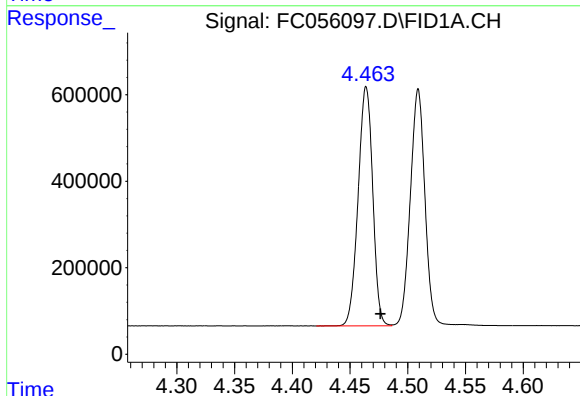
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: -0.008 min
Response: 4275553
Conc: 40.07 ug/ml m

Instrument :
FID_C
ClientSampleId :
PB139780BSD

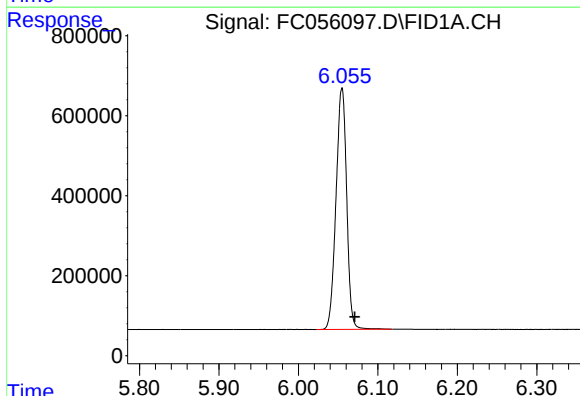
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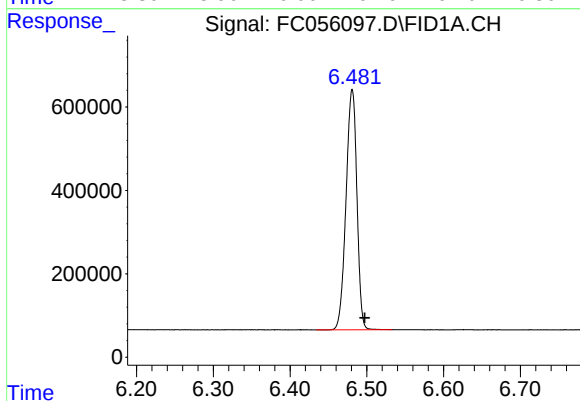
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.012 min
Response: 4858902
Conc: 45.46 ug/ml



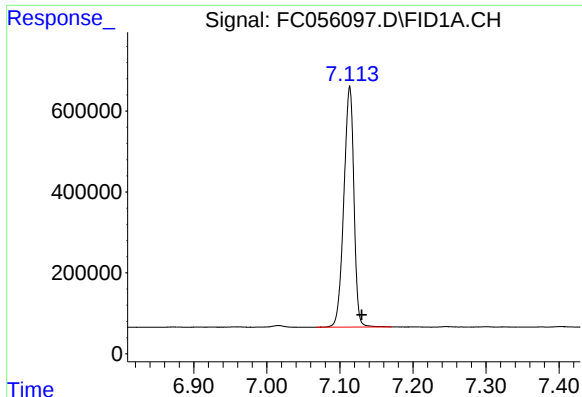
#3 A~Naphthalene (C11.7)

R.T.: 6.055 min
Delta R.T.: -0.016 min
Response: 5634411
Conc: 46.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.481 min
Delta R.T.: -0.017 min
Response: 5670817
Conc: 52.25 ug/ml



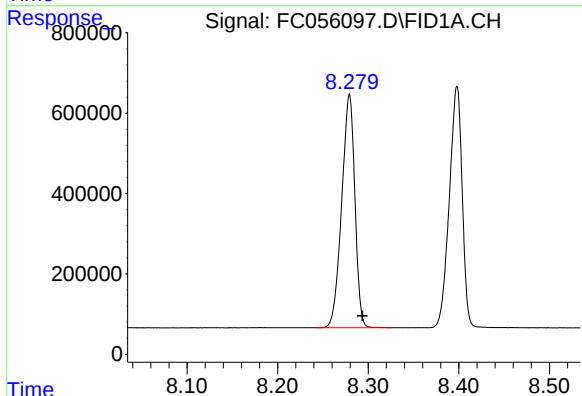
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.113 min
Delta R.T.: -0.017 min
Response: 5700994
Conc: 46.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139780BSD

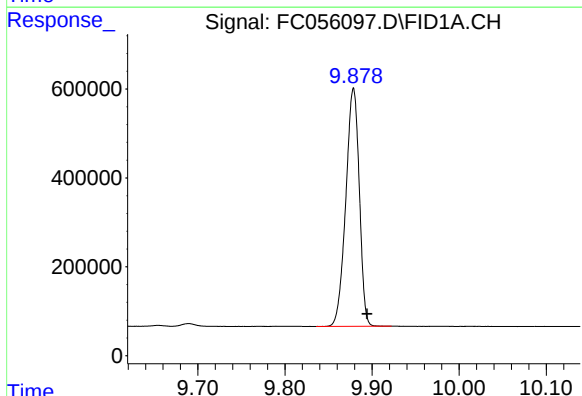
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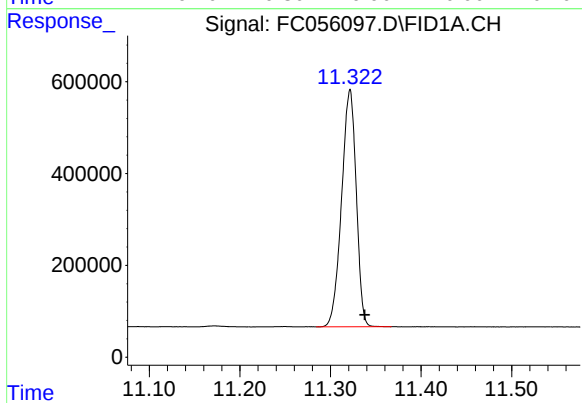
#6 n-Tetradecane (C14)

R.T.: 8.279 min
Delta R.T.: -0.014 min
Response: 5873152
Conc: 53.09 ug/ml



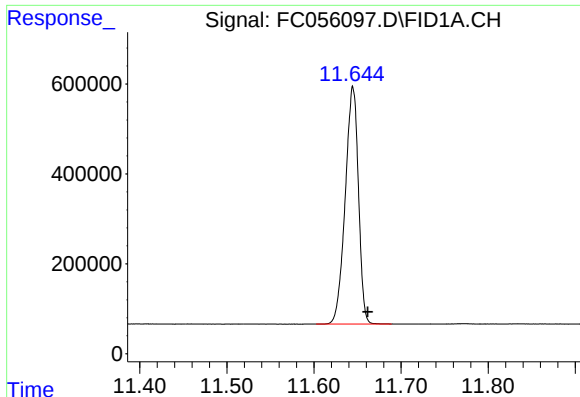
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.016 min
Response: 5762001
Conc: 52.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.016 min
Response: 5806347
Conc: 51.88 ug/ml



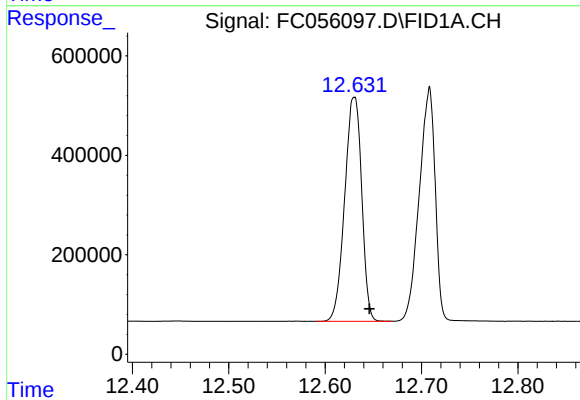
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.017 min
Response: 5565751
Conc: 46.90 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139780BSD

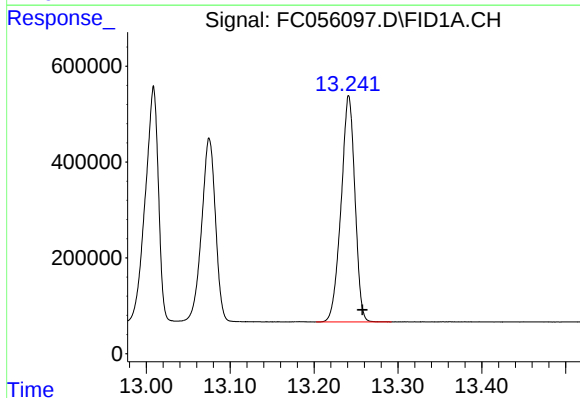
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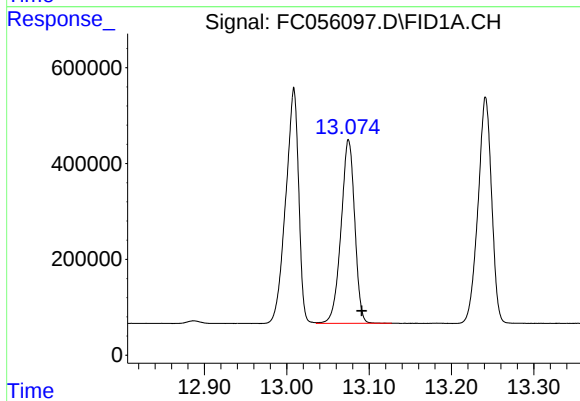
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.016 min
Response: 5501271
Conc: 50.37 ug/ml



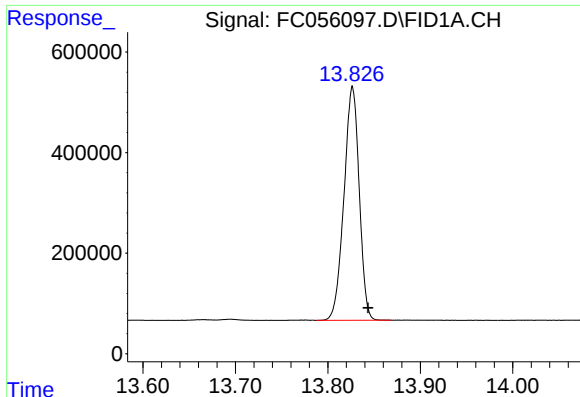
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.016 min
Response: 5421022
Conc: 49.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.016 min
Response: 4421164
Conc: 48.12 ug/ml



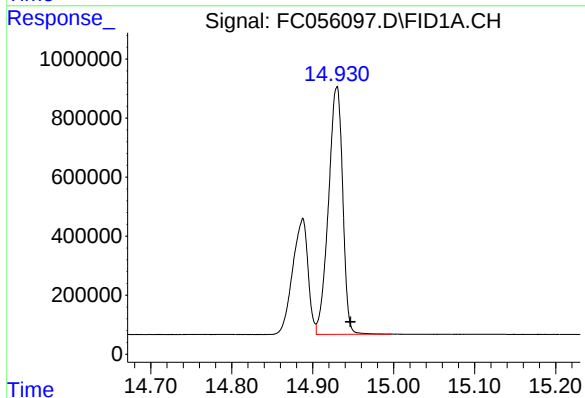
#13 n-Docosane (C22)

R.T.: 13.827 min
Delta R.T.: -0.017 min
Response: 5325713
Conc: 49.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139780BSD

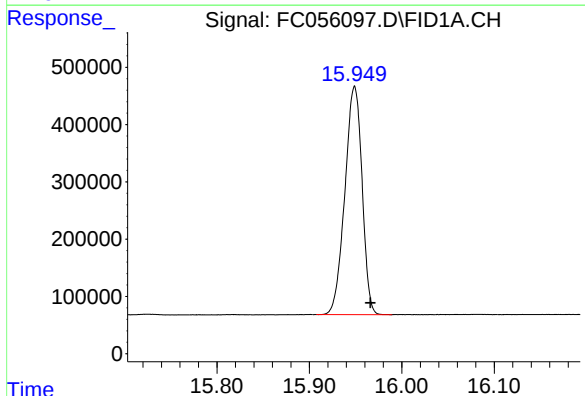
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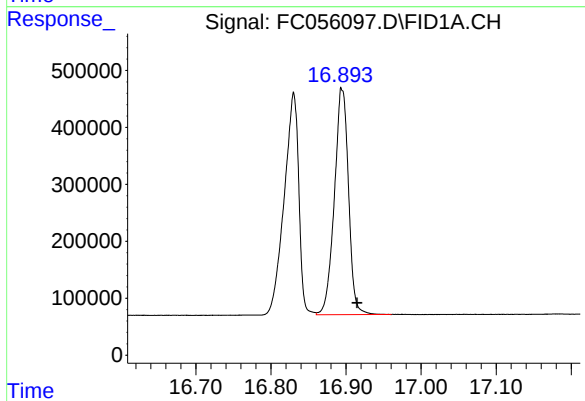
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.017 min
Response: 10246396
Conc: 97.99 ug/ml



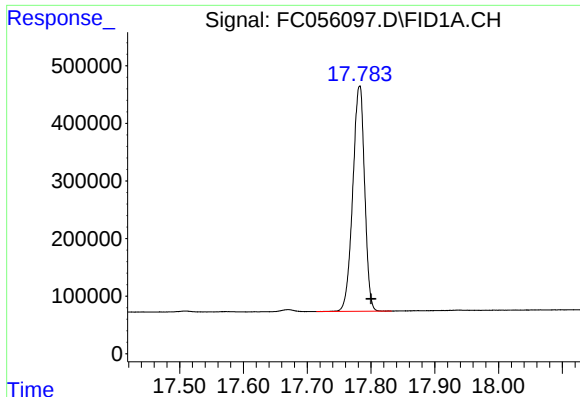
#15 n-Hexacosane (C26)

R.T.: 15.949 min
Delta R.T.: -0.017 min
Response: 5154666
Conc: 51.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: -0.020 min
Response: 5215833
Conc: 53.92 ug/ml



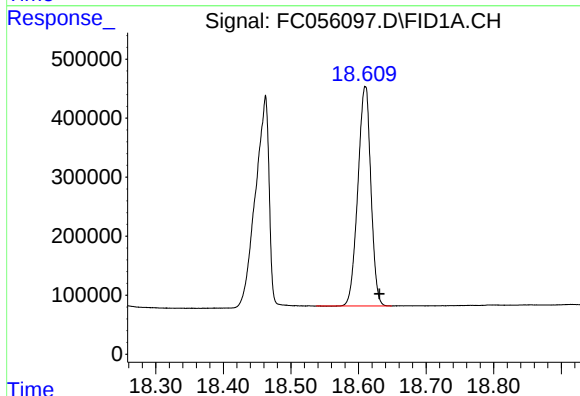
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.018 min
Response: 5061345
Conc: 54.55 ug/ml

Instrument :
FID_C
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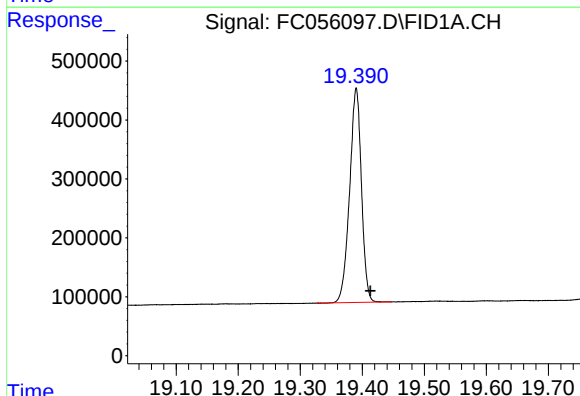
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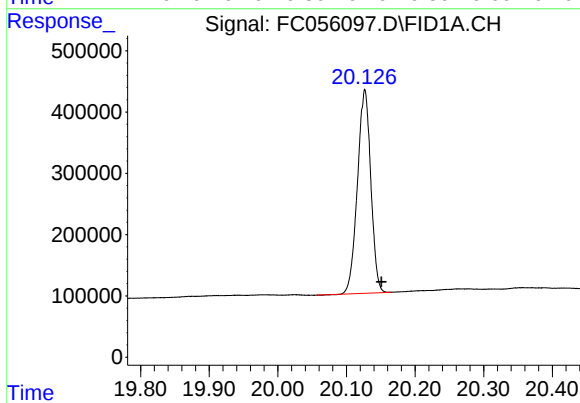
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: -0.021 min
Response: 4979111
Conc: 56.00 ug/ml



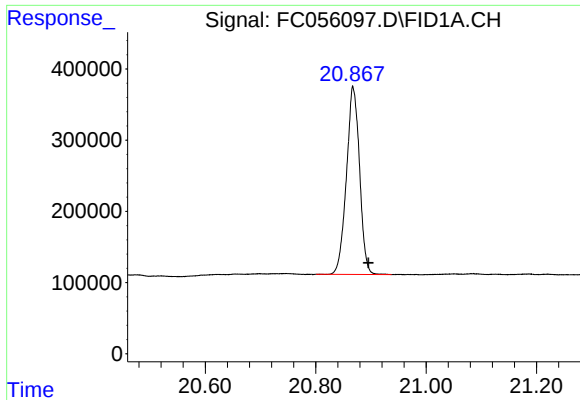
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.023 min
Response: 4821334
Conc: 55.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.024 min
Response: 4499564
Conc: 55.07 ug/ml



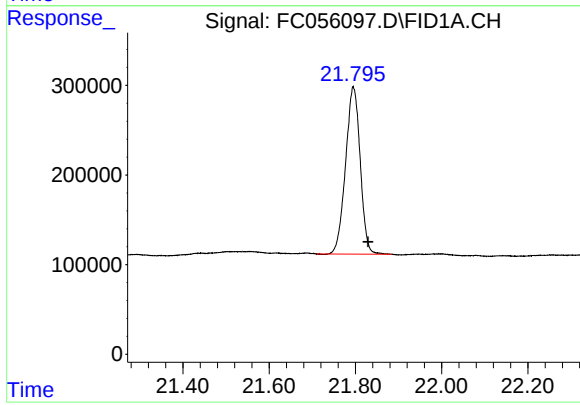
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.027 min
Response: 4353347
Conc: 54.63 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.795 min
Delta R.T.: -0.034 min
Response: 4392795
Conc: 54.80 ug/ml