

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101121AL\
 Data File : FC056096.D
 Signal(s) : FID1A.CH
 Acq On : 11 Oct 2021 16:49
 Operator : AJ\MA
 Sample : PB139780BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB139780BS

Manual Integrations
 APPROVED

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Integration File: autoint1.e
 Quant Time: Oct 12 03:10:41 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	5588744	47.099 ug/ml
Spiked Amount 50.000		Recovery =	94.20%
12) S 1-chlorooctadecane (S...	13.075	4448578	48.421 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
Target Compounds			
1) T n-Nonane (C9)	3.400	4279777	40.106 ug/mlm
2) T n-Decane (C10)	4.466	4853134	45.401 ug/ml
3) T A~Naphthalene (C11.7)	6.057	5626819	46.765 ug/ml
4) T n-Dodecane (C12)	6.483	5662727	52.172 ug/ml
5) T A~2-methylnaphthalene...	7.115	5697171	46.900 ug/ml
6) T n-Tetradecane (C14)	8.281	5866207	53.023 ug/ml
7) T n-Hexadecane (C16)	9.879	5774292	52.166 ug/ml
8) T n-Octadecane (C18)	11.322	5819908	52.000 ug/ml
10) T n-Eicosane (C20)	12.630	5520792	50.544 ug/ml
11) T n-Heneicosane (C21)	13.241	5444401	50.076 ug/ml
13) T n-Docosane (C22)	13.827	5354107	50.133 ug/ml
14) T n-Tetracosane (C24)	14.929	10316855	98.661 ug/ml
15) T n-Hexacosane (C26)	15.949	5201467	51.769 ug/ml
16) T n-Octacosane (C28)	16.895	5258988	54.368 ug/ml
17) T n-Tricontane (C30)	17.782	5097355	54.937 ug/ml
18) T n-Dotriacontane (C32)	18.610	5010354	56.355 ug/ml
19) T n-Tetratriacontane (C34)	19.391	4830221	55.848 ug/ml
20) T n-Hexatriacontane (C36)	20.127	4534220	55.497 ug/ml
21) T n-Octatriacontane (C38)	20.870	4415861	55.415 ug/ml
22) T n-Tetracontane (C40)	21.796	4419004	55.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB139780BS
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ALS Vial : 9 Sample Multiplier: 1

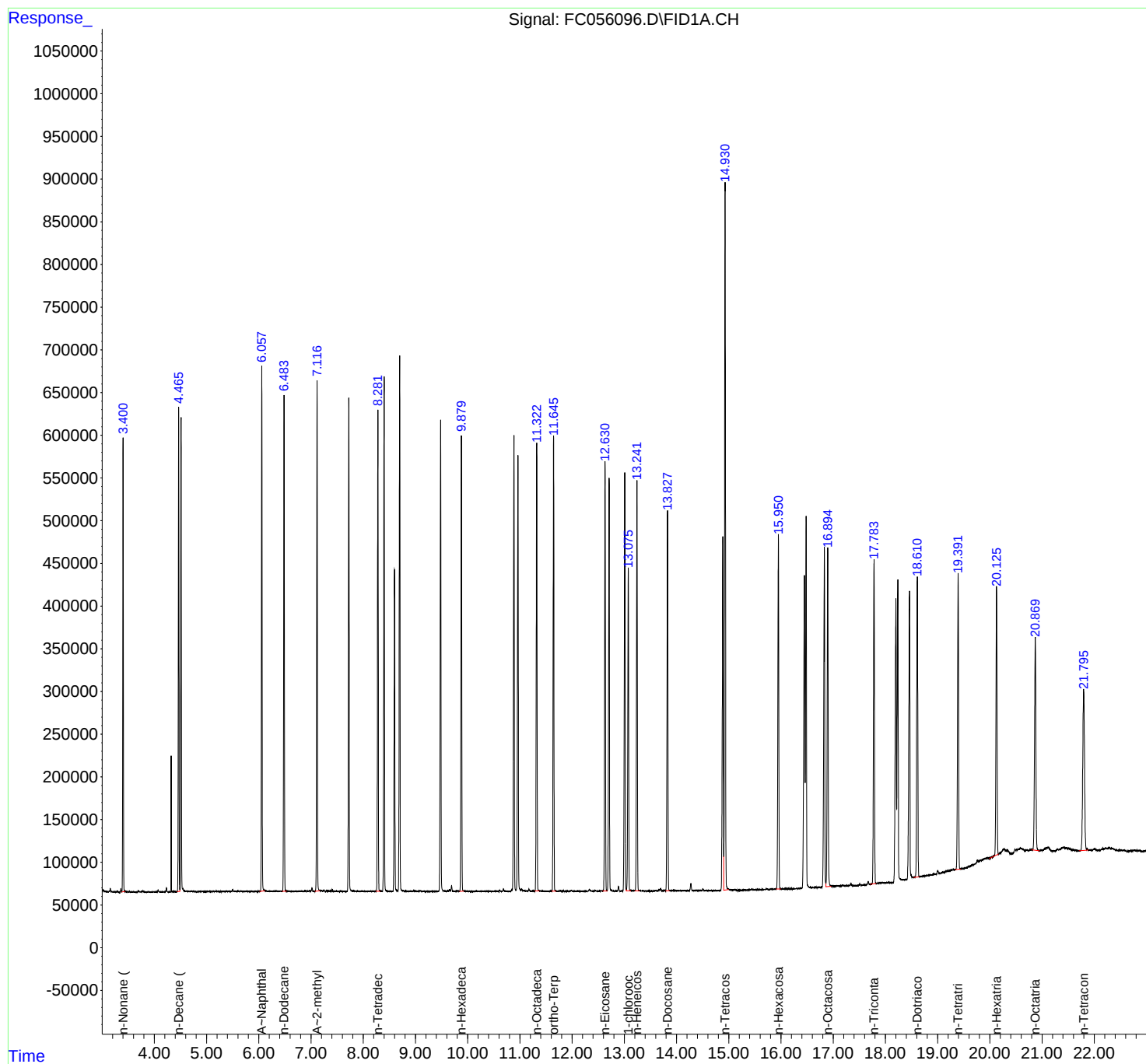
Instrument :
FID_C
ClientSampled :
PB139780BS

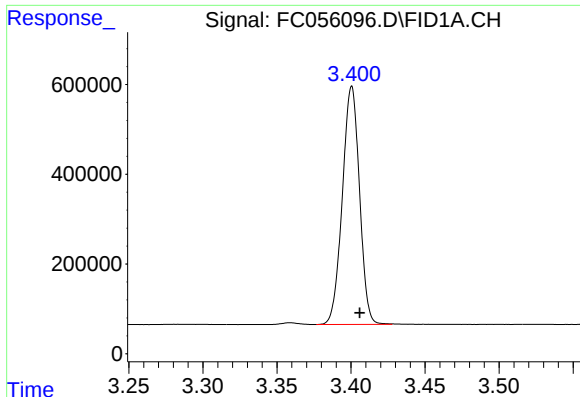
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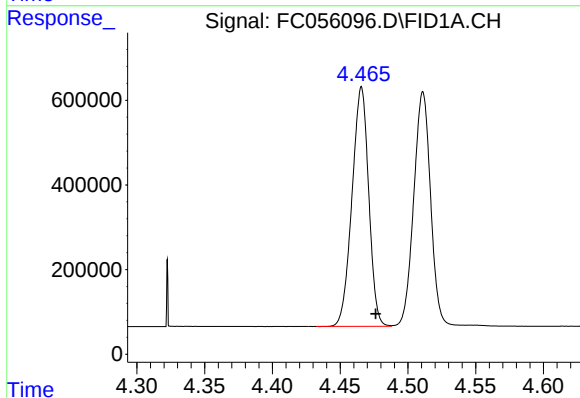
#1 n-Nonane (C9)

R.T.: 3.400 min
Delta R.T.: -0.006 min
Response: 4279777
Conc: 40.11 ug/ml m

Instrument :
FID_C
ClientSampleId :
PB139780BS

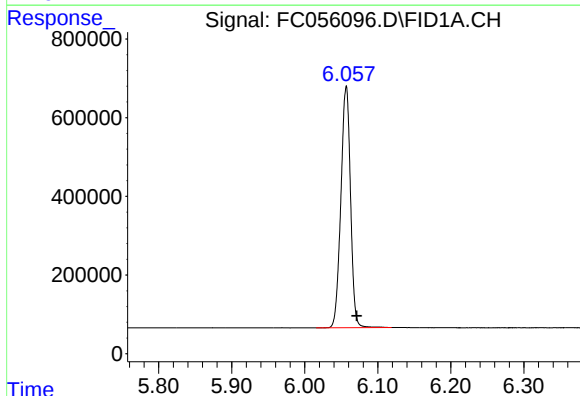
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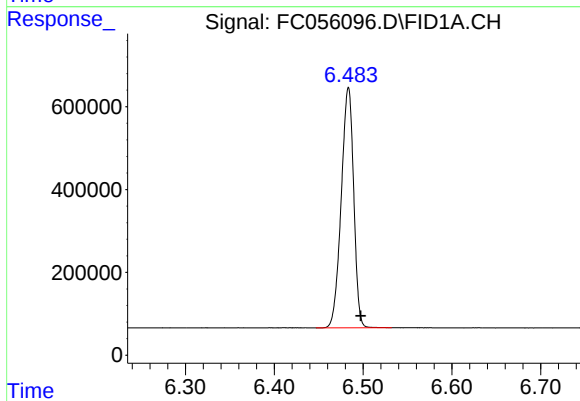
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.011 min
Response: 4853134
Conc: 45.40 ug/ml



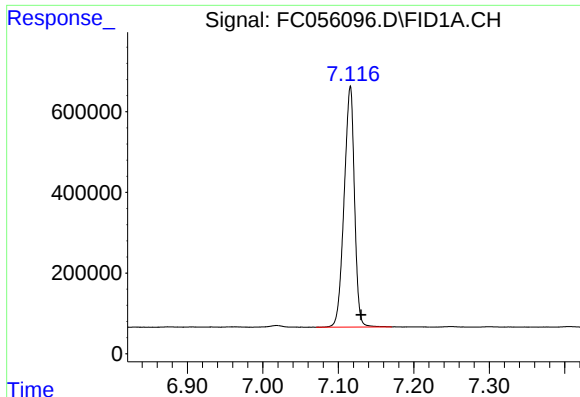
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.014 min
Response: 5626819
Conc: 46.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.483 min
Delta R.T.: -0.014 min
Response: 5662727
Conc: 52.17 ug/ml



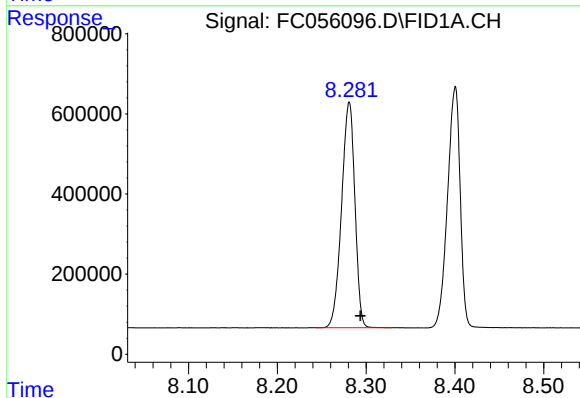
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.015 min
Response: 5697171
Conc: 46.90 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139780BS

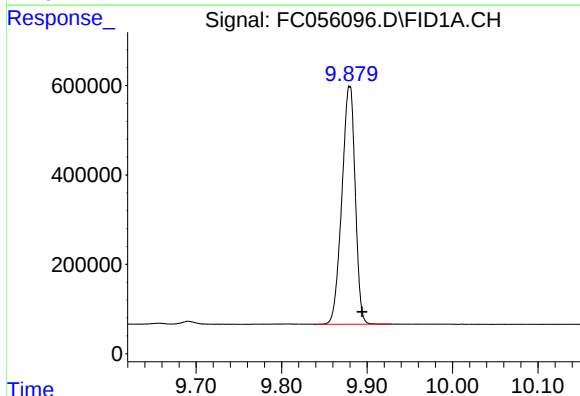
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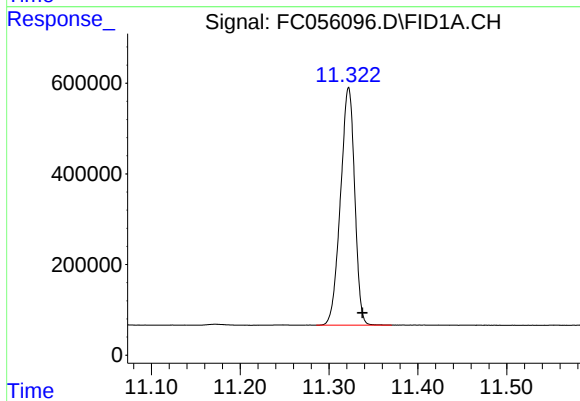
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.013 min
Response: 5866207
Conc: 53.02 ug/ml



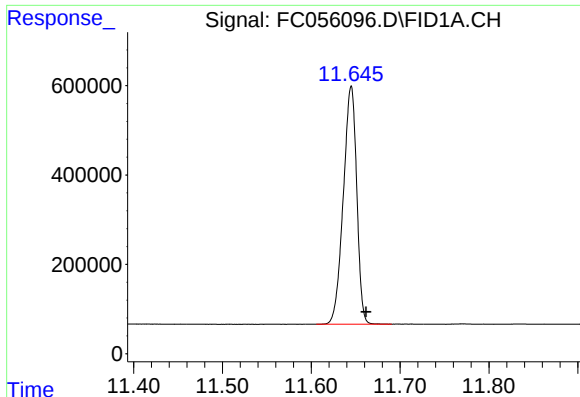
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.015 min
Response: 5774292
Conc: 52.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: -0.016 min
Response: 5819908
Conc: 52.00 ug/ml



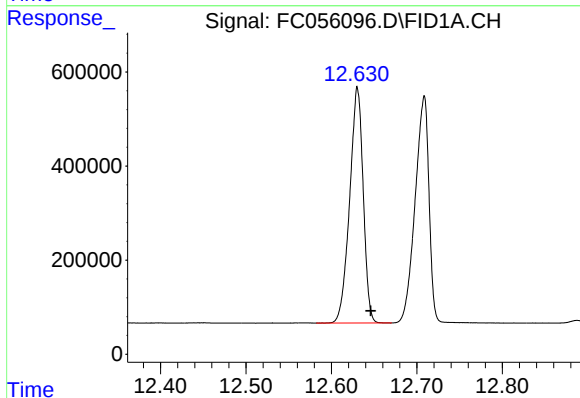
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.017 min
Response: 5588744
Conc: 47.10 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139780BS

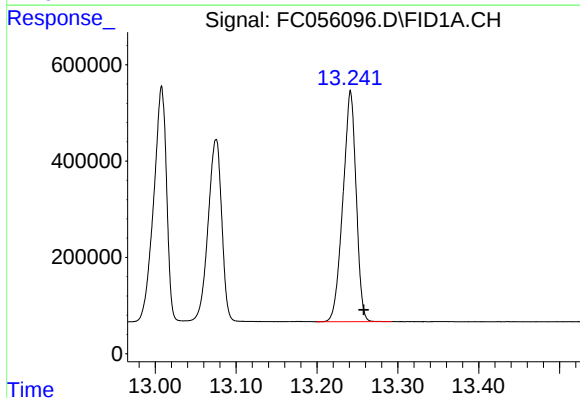
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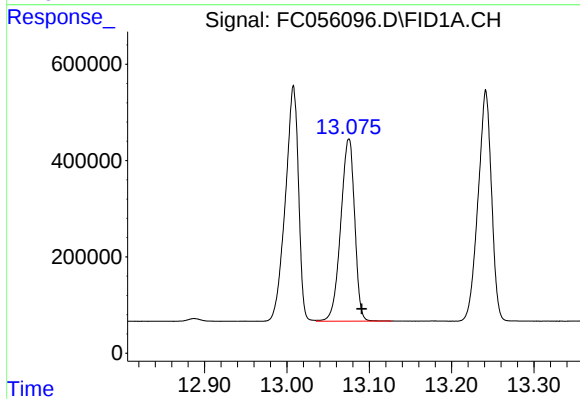
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.016 min
Response: 5520792
Conc: 50.54 ug/ml



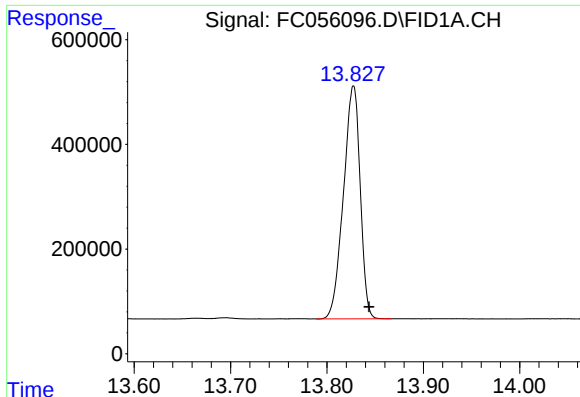
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.016 min
Response: 5444401
Conc: 50.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.016 min
Response: 4448578
Conc: 48.42 ug/ml



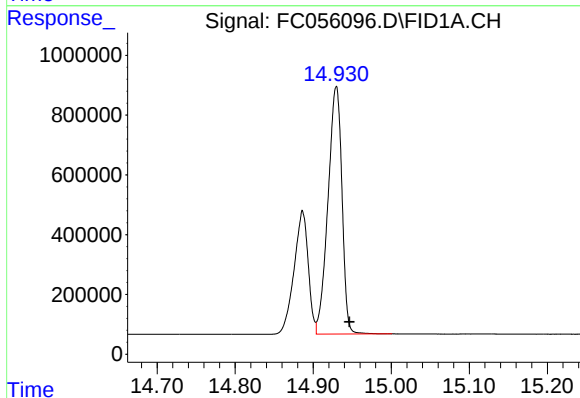
#13 n-Docosane (C22)

R.T.: 13.827 min
Delta R.T.: -0.016 min
Response: 5354107
Conc: 50.13 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139780BS

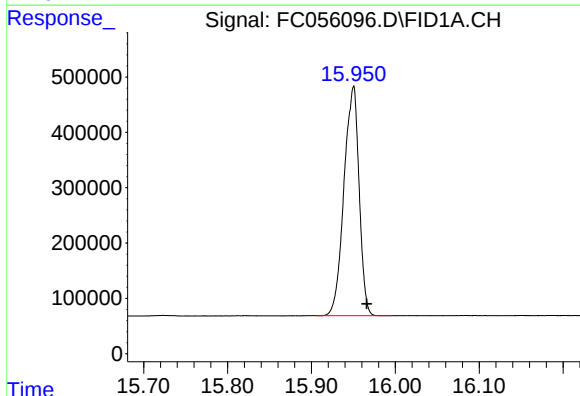
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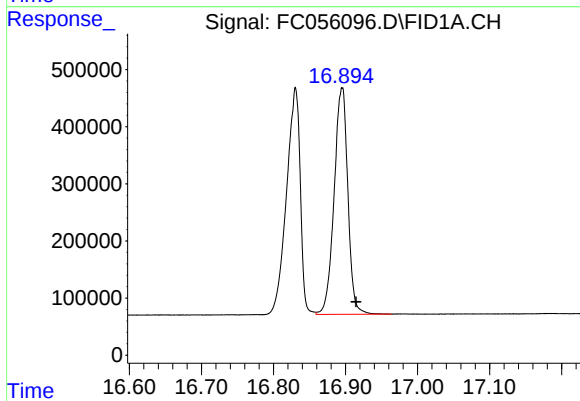
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: -0.017 min
Response: 10316855
Conc: 98.66 ug/ml



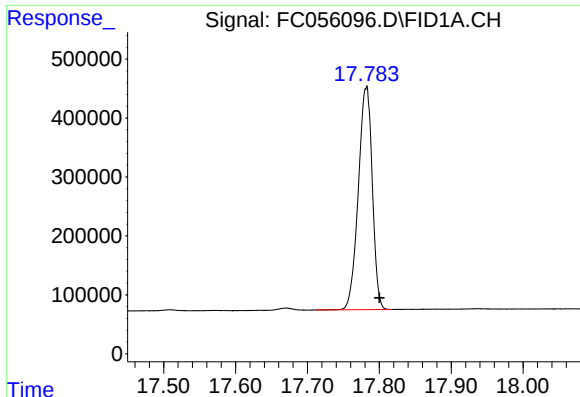
#15 n-Hexacosane (C26)

R.T.: 15.949 min
Delta R.T.: -0.017 min
Response: 5201467
Conc: 51.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: -0.020 min
Response: 5258988
Conc: 54.37 ug/ml



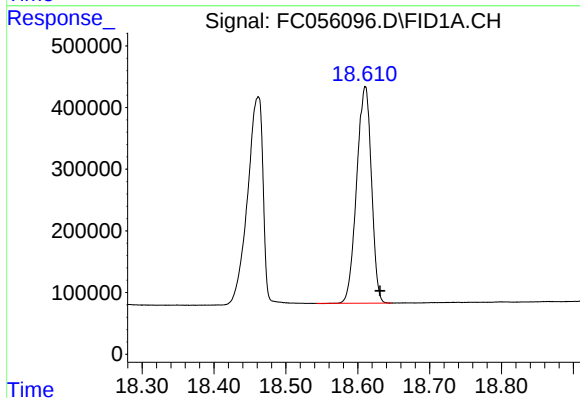
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.018 min
Response: 5097355
Conc: 54.94 ug/ml

Instrument :
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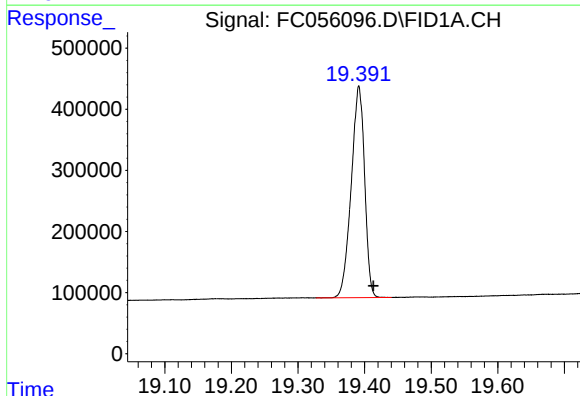
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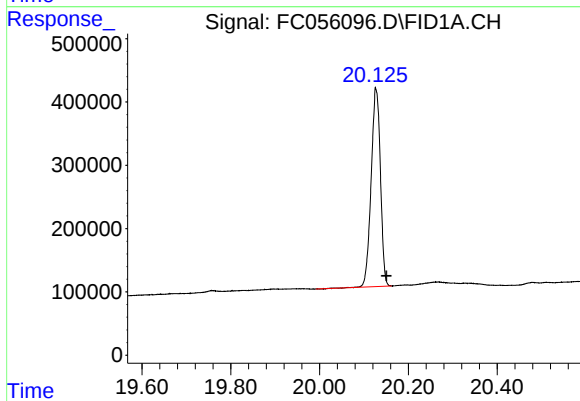
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: -0.021 min
Response: 5010354
Conc: 56.36 ug/ml



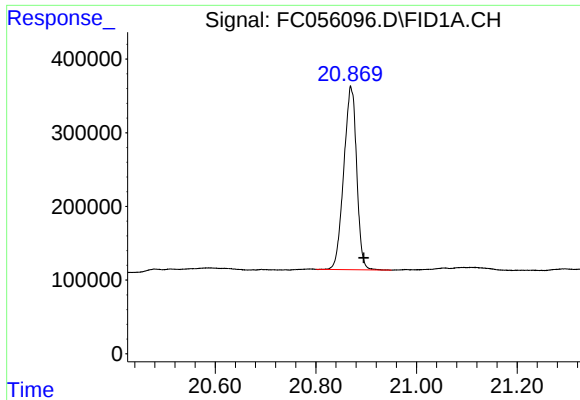
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: -0.022 min
Response: 4830221
Conc: 55.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.023 min
Response: 4534220
Conc: 55.50 ug/ml



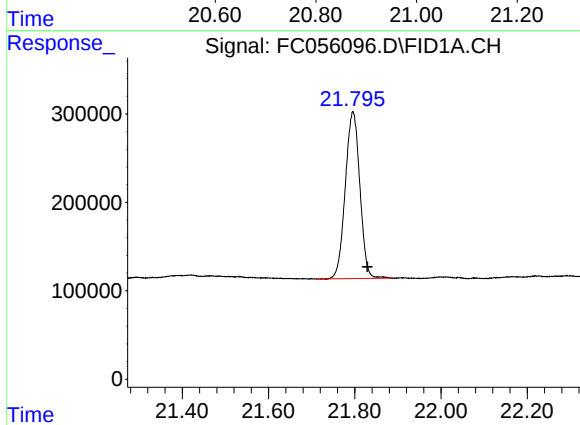
#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: -0.025 min
Response: 4415861
Conc: 55.41 ug/ml

Instrument :
FID_C
ClientSampleId :
PB139780BS

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#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: -0.034 min
Response: 4419004
Conc: 55.13 ug/ml