

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056779.D
 Signal(s) : FID1A.CH
 Acq On : 13 Nov 2021 6:23
 Operator : AJ\MA
 Sample : PB140725BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140725BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: autoint1.e
 Quant Time: Nov 15 00:08:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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			
12) S 1-chlorooctadecane (S...	13.046	3944353	40.992 ug/ml
Spiked Amount 50.000		Recovery =	81.98%
Target Compounds			
1) T n-Nonane (C9)	3.369	2550845	23.568 ug/mlm
2) T n-Decane (C10)	4.437	3114217	28.911 ug/ml
4) T n-Dodecane (C12)	6.457	3780551	34.294 ug/ml
6) T n-Tetradecane (C14)	8.252	3998626	35.617 ug/ml
7) T n-Hexadecane (C16)	9.853	4218936	37.109 ug/ml
8) T n-Octadecane (C18)	11.293	4434856	37.951 ug/ml
10) T n-Eicosane (C20)	12.600	4270308	37.157 ug/ml
11) T n-Heneicosane (C21)	13.212	4196410	36.515 ug/ml
13) T n-Docosane (C22)	13.797	4107884	36.487 ug/ml
14) T n-Tetracosane (C24)	14.897	3968200	36.008 ug/ml
15) T n-Hexacosane (C26)	15.915	3870565	36.672 ug/ml
16) T n-Octacosane (C28)	16.861	3816841	36.797 ug/ml
17) T n-Tricontane (C30)	17.746	3779342	36.477 ug/ml
18) T n-Dotriacontane (C32)	18.574	3735465	38.989 ug/mlm
19) T n-Tetratriacontane (C34)	19.355	3597896	41.021 ug/mlm
20) T n-Hexatriacontane (C36)	20.091	3309251	40.430 ug/mlm
21) T n-Octatriacontane (C38)	20.823	3228756	40.371 ug/mlm
22) T n-Tetracontane (C40)	21.737	3163296	38.394 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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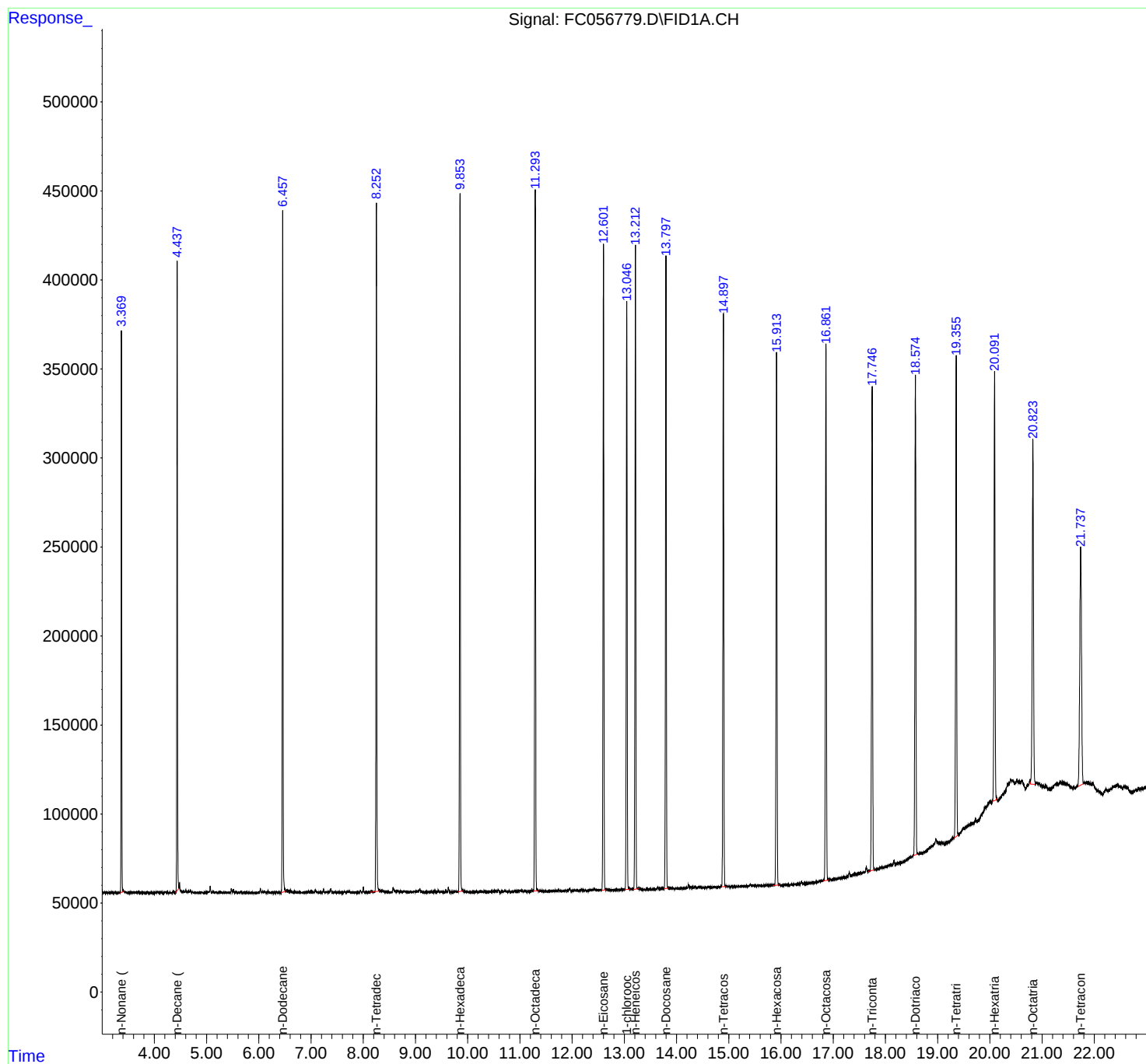
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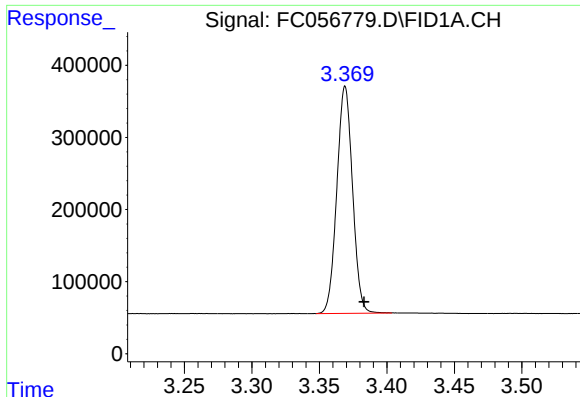
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#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.014 min
Response: 2550845
Conc: 23.57 ug/ml

Instrument :

FID_C

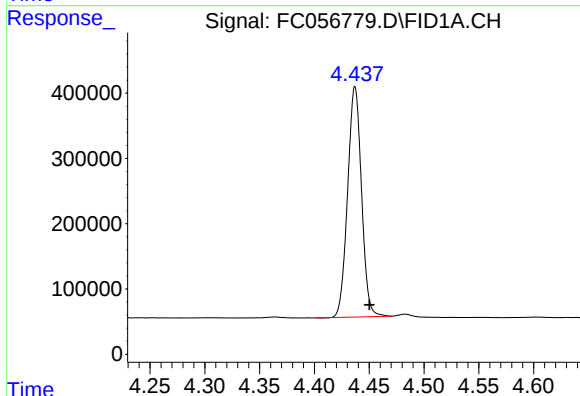
ClientSampleId :

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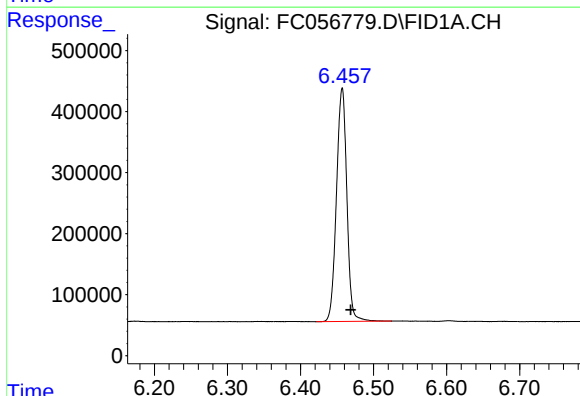
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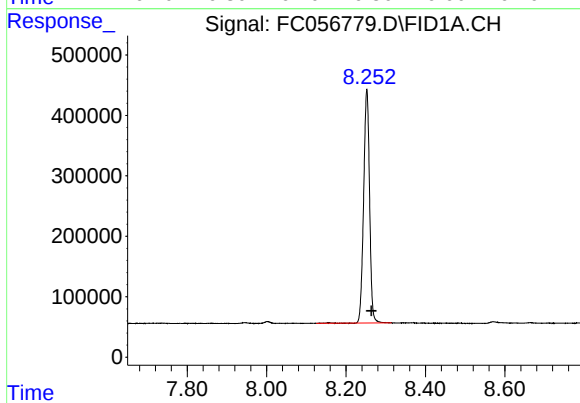
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.013 min
Response: 3114217
Conc: 28.91 ug/ml



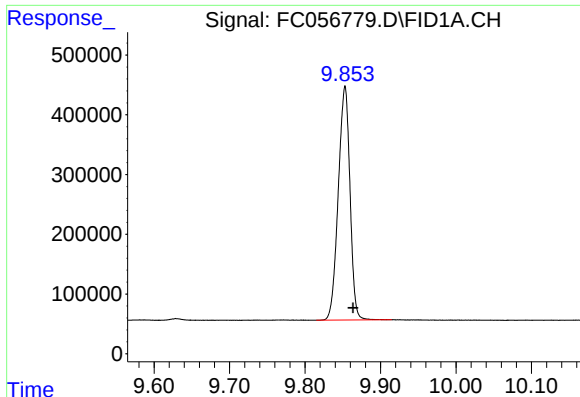
#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 3780551
Conc: 34.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.012 min
Response: 3998626
Conc: 35.62 ug/ml



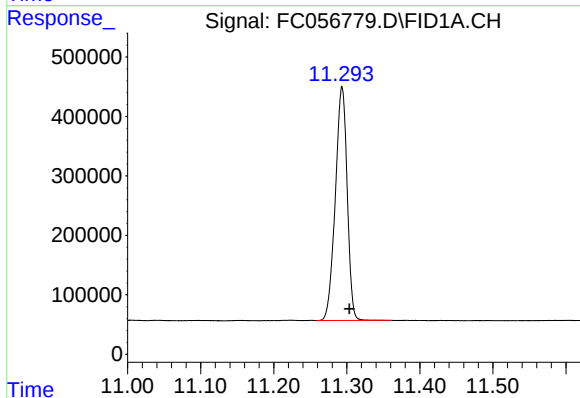
#7 n-Hexadecane (C16)

R.T.: 9.853 min
Delta R.T.: -0.011 min
Response: 4218936
Conc: 37.11 ug/ml

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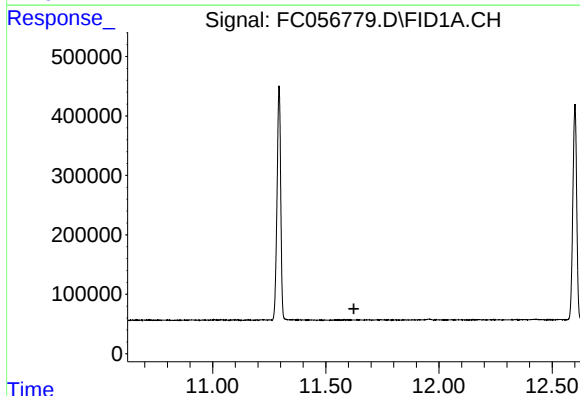
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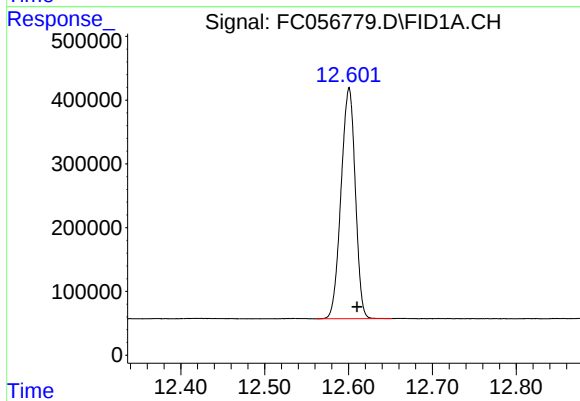
#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: -0.010 min
Response: 4434856
Conc: 37.95 ug/ml



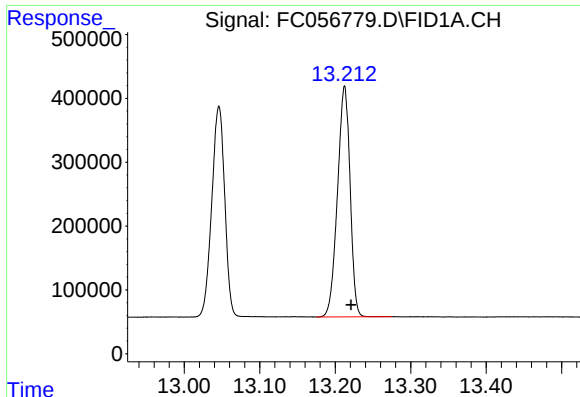
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.624 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.600 min
Delta R.T.: -0.010 min
Response: 4270308
Conc: 37.16 ug/ml



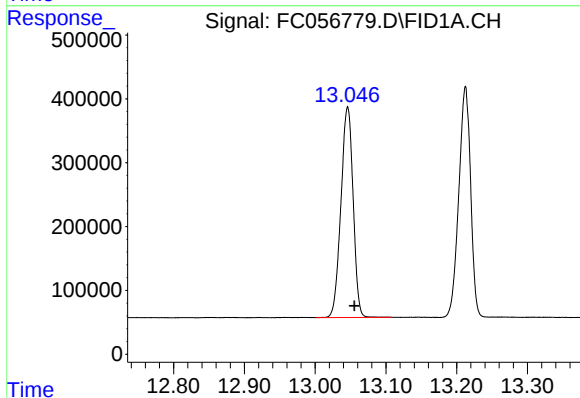
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.009 min
Response: 4196410
Conc: 36.52 ug/ml

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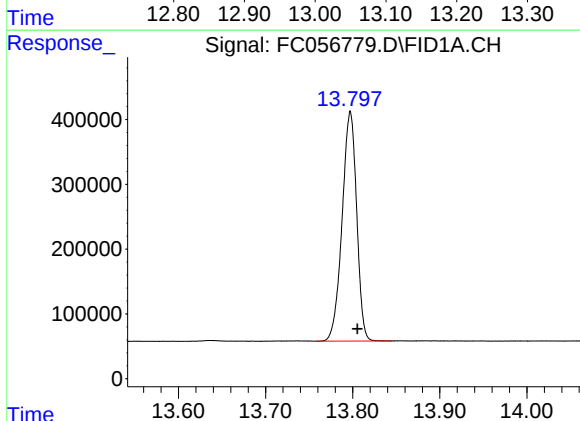
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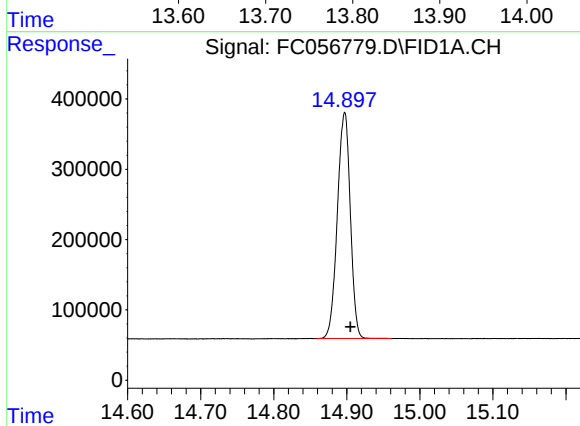
#12 1-chlorooctadecane (SURR)

R.T.: 13.046 min
Delta R.T.: -0.010 min
Response: 3944353
Conc: 40.99 ug/ml



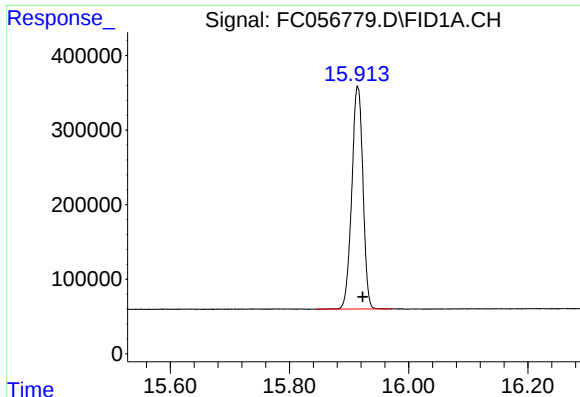
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.008 min
Response: 4107884
Conc: 36.49 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.008 min
Response: 3968200
Conc: 36.01 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.008 min
Response: 3870565
Conc: 36.67 ug/ml

Instrument :

FID_C

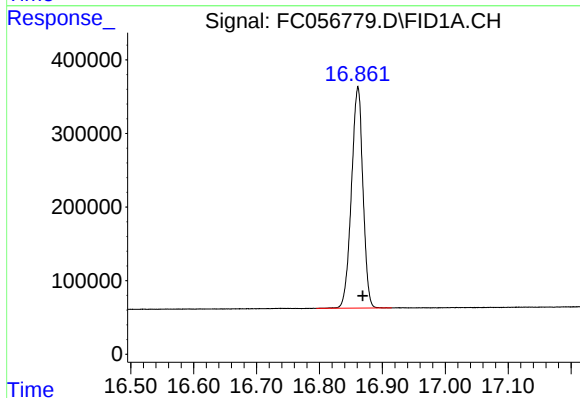
ClientSampleId :

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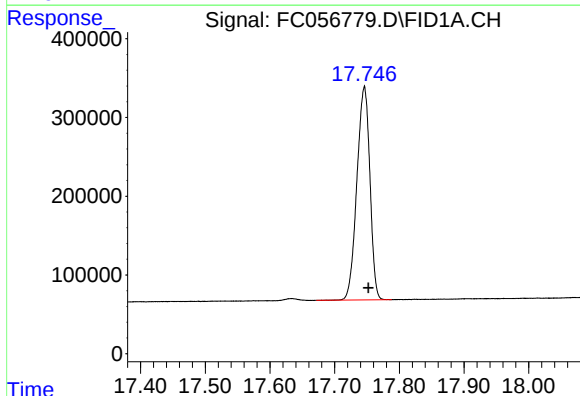
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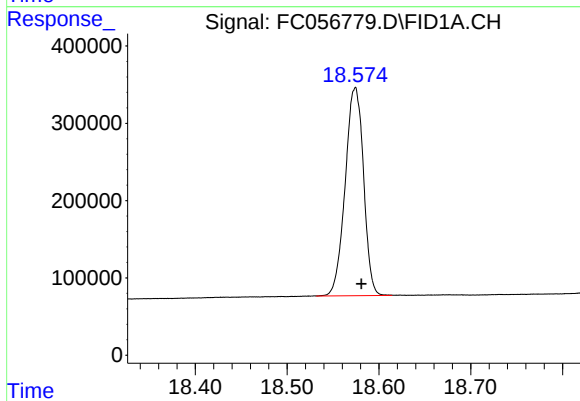
#16 n-Octacosane (C28)

R.T.: 16.861 min
Delta R.T.: -0.008 min
Response: 3816841
Conc: 36.80 ug/ml



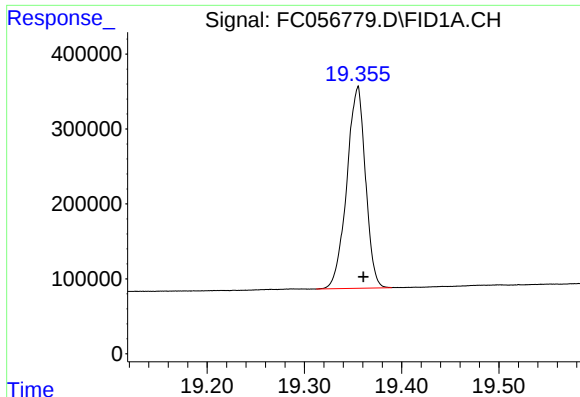
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.007 min
Response: 3779342
Conc: 36.48 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.007 min
Response: 3735465
Conc: 38.99 ug/ml m



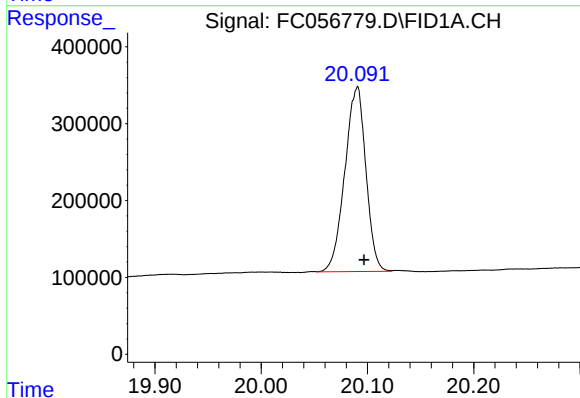
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: -0.005 min
Response: 3597896
Conc: 41.02 ug/ml

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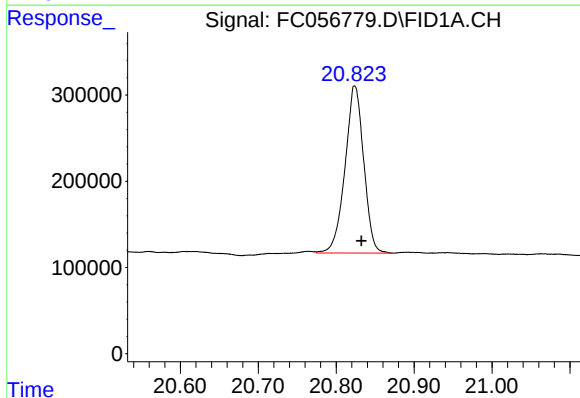
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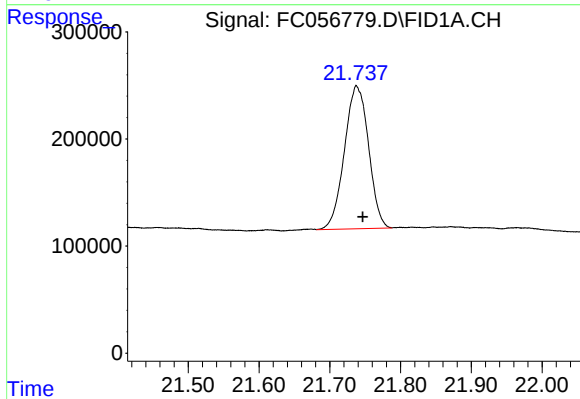
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.006 min
Response: 3309251
Conc: 40.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.009 min
Response: 3228756
Conc: 40.37 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: -0.010 min
Response: 3163296
Conc: 38.39 ug/ml m