

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101121AL\
 Data File : FC056101.D
 Signal(s) : FID1A.CH
 Acq On : 11 Oct 2021 20:08
 Operator : AJ\MA
 Sample : M4134-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SP-01MSD

Manual Integrations
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 10/13/2021 1:20:45 PM

Integration File: autoint1.e
 Quant Time: Oct 12 03:11:45 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			
12) S 1-chlorooctadecane (S...	13.073	2562315	27.890 ug/ml
Spiked Amount 50.000		Recovery =	55.78%
Target Compounds			
1) T n-Nonane (C9)	3.391	2480715	23.247 ug/ml
2) T n-Decane (C10)	4.459	3013111	28.188 ug/ml
4) T n-Dodecane (C12)	6.480	3468241	31.953 ug/ml
6) T n-Tetradecane (C14)	8.276	3771824	34.092 ug/ml
7) T n-Hexadecane (C16)	9.877	4139529	37.397 ug/ml
8) T n-Octadecane (C18)	11.320	4373160	39.073 ug/ml
10) T n-Eicosane (C20)	12.628	4172671	38.202 ug/ml
11) T n-Heneicosane (C21)	13.240	4125232	37.942 ug/ml
13) T n-Docosane (C22)	13.825	4057927	37.996 ug/ml
14) T n-Tetracosane (C24)	14.926	3966932	37.936 ug/ml
15) T n-Hexacosane (C26)	15.945	3924270	39.058 ug/ml
16) T n-Octacosane (C28)	16.892	3897590	40.294 ug/ml
17) T n-Tricontane (C30)	17.778	3848036	41.472 ug/ml
18) T n-Dotriacontane (C32)	18.607	3773844	42.447 ug/ml
19) T n-Tetratriacontane (C34)	19.388	3626427	41.930 ug/ml
20) T n-Hexatriacontane (C36)	20.123	3341332	40.897 ug/ml
21) T n-Octatriacontane (C38)	20.862	3140852	39.415 ug/mlm
22) T n-Tetracontane (C40)	21.790	3073692	38.344 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 14 Sample Multiplier: 1

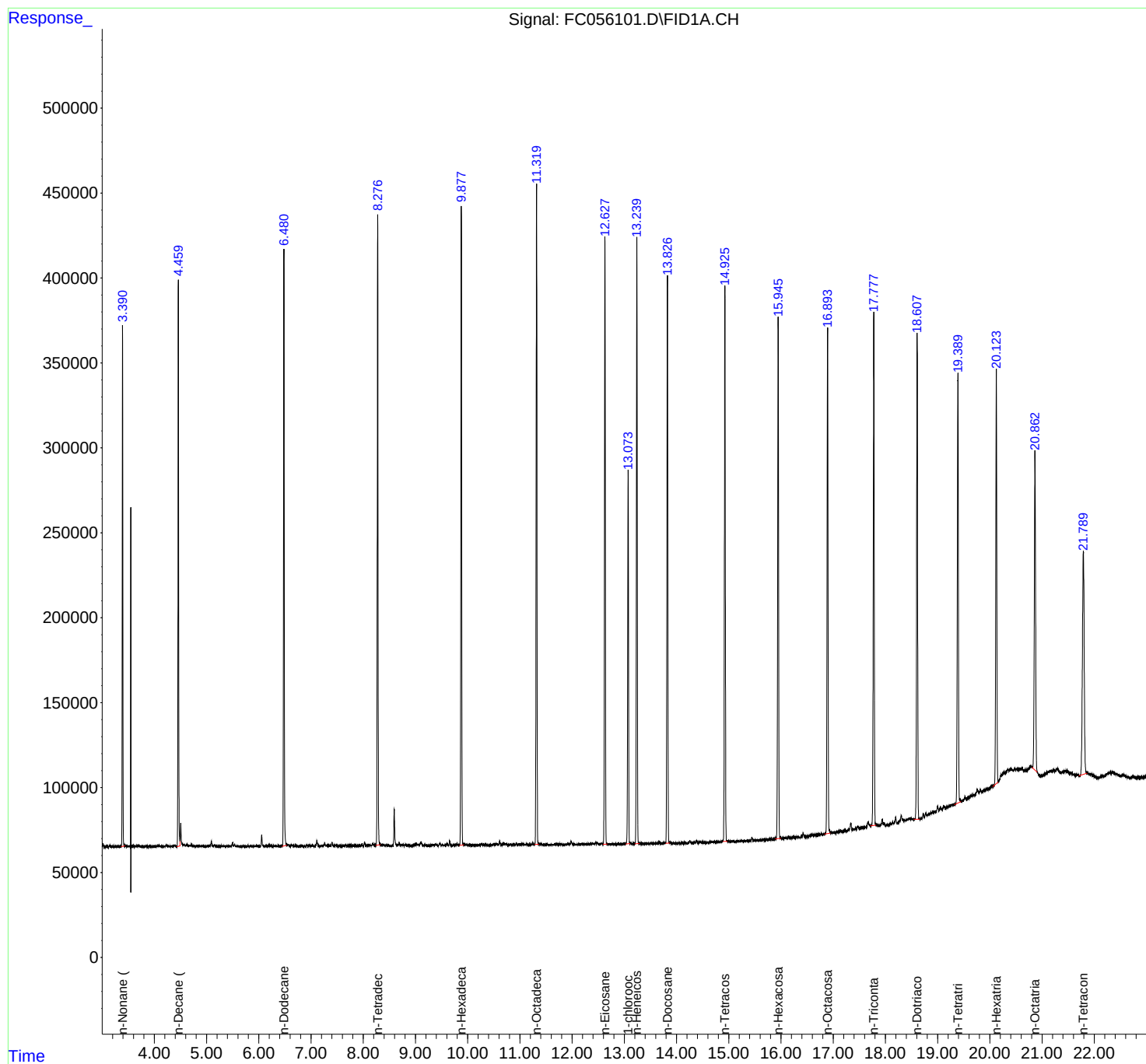
Instrument :
FID_C
ClientSampleId :
SP-01MSD

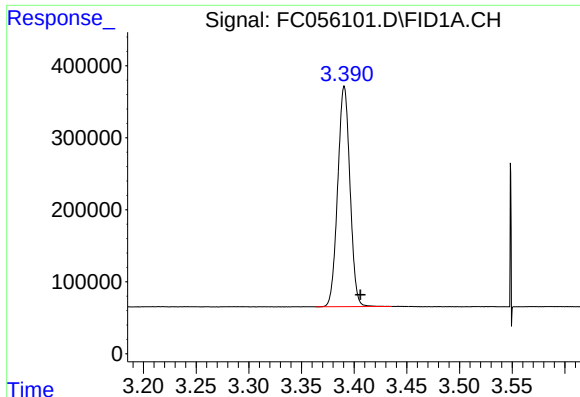
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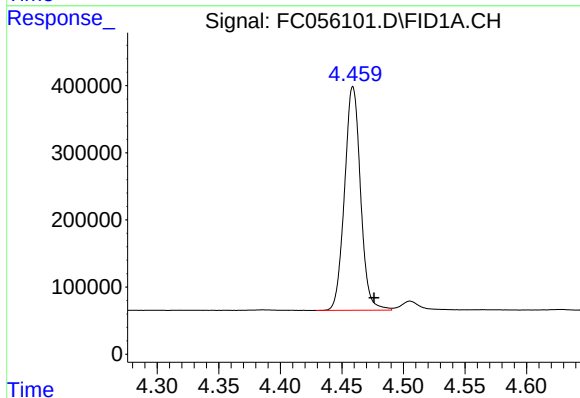
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: -0.015 min
Response: 2480715
Conc: 23.25 ug/ml

Instrument :
FID_C
ClientSampleId :
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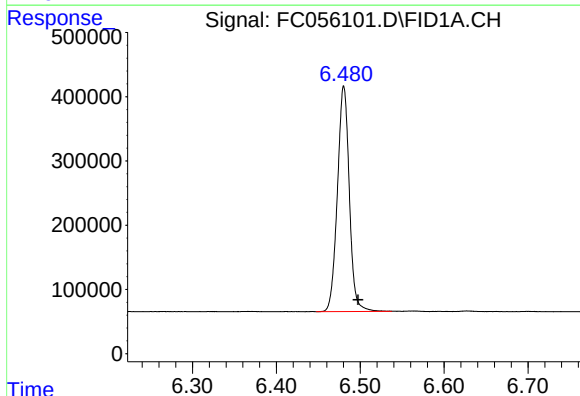
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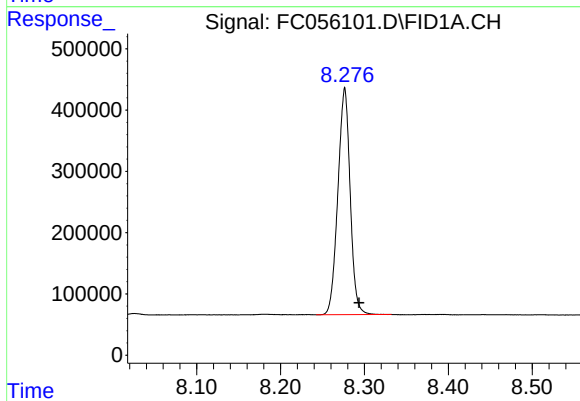
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.017 min
Response: 3013111
Conc: 28.19 ug/ml



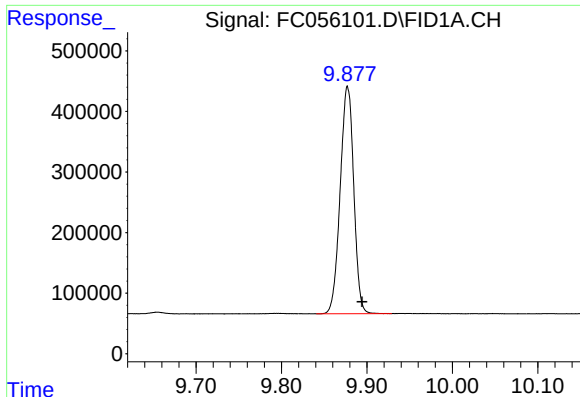
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.017 min
Response: 3468241
Conc: 31.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.017 min
Response: 3771824
Conc: 34.09 ug/ml



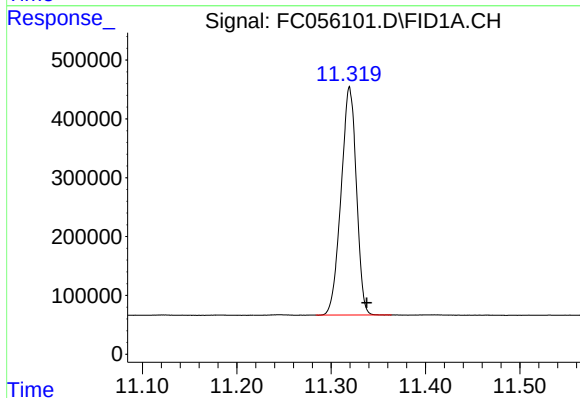
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.017 min
Response: 4139529
Conc: 37.40 ug/ml

Instrument :
FID_C
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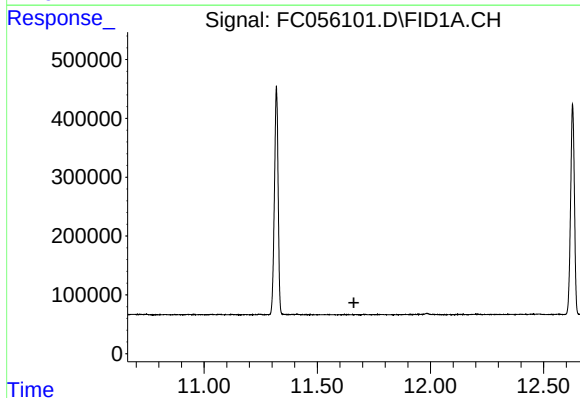
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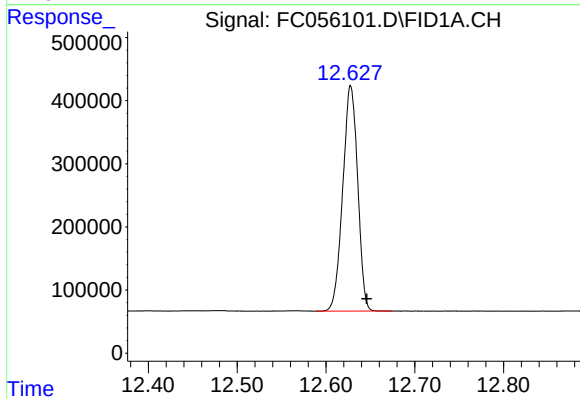
#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: -0.018 min
Response: 4373160
Conc: 39.07 ug/ml



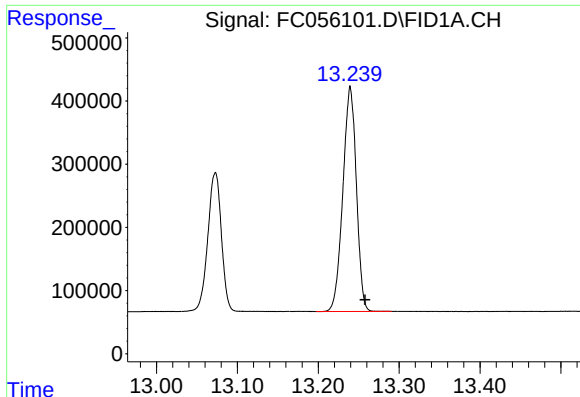
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.662 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: -0.018 min
Response: 4172671
Conc: 38.20 ug/ml



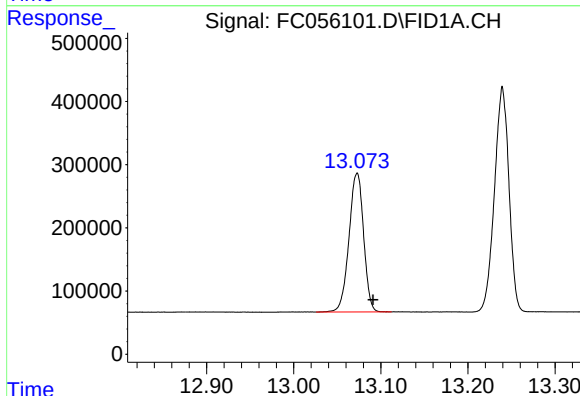
#11 n-Heneicosane (C21)

R.T.: 13.240 min
Delta R.T.: -0.018 min
Response: 4125232
Conc: 37.94 ug/ml

Instrument :
FID_C
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SP-01MSD

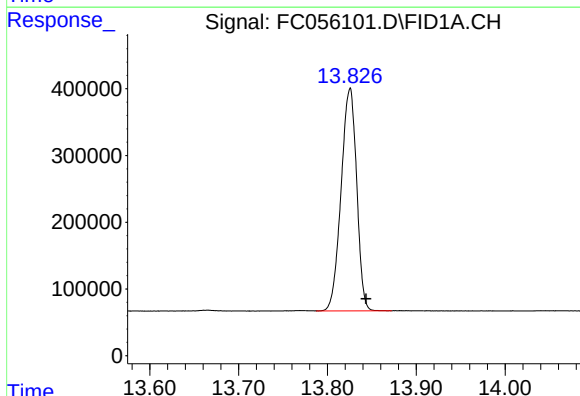
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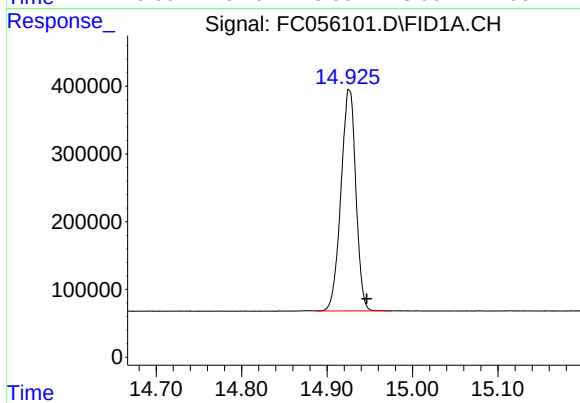
#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min
Delta R.T.: -0.018 min
Response: 2562315
Conc: 27.89 ug/ml



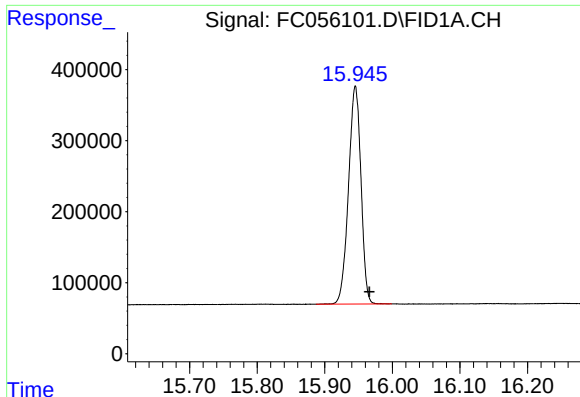
#13 n-Docosane (C22)

R.T.: 13.825 min
Delta R.T.: -0.018 min
Response: 4057927
Conc: 38.00 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.021 min
Response: 3966932
Conc: 37.94 ug/ml



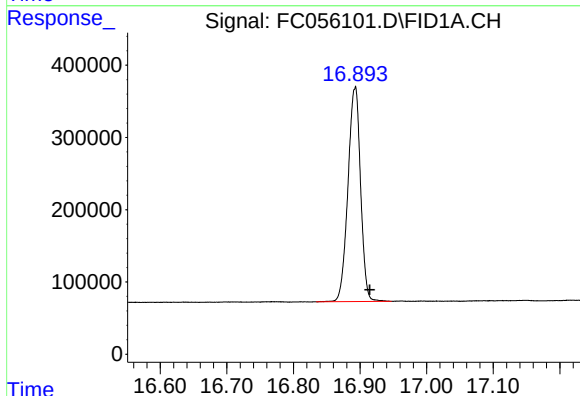
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: -0.021 min
Response: 3924270
Conc: 39.06 ug/ml

Instrument :
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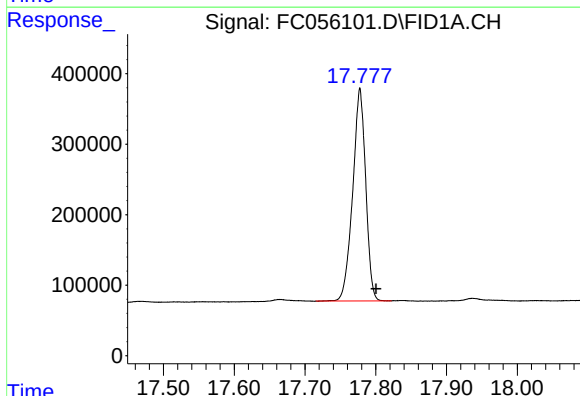
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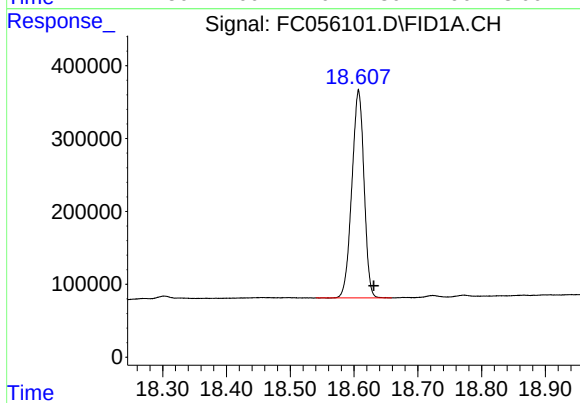
#16 n-Octacosane (C28)

R.T.: 16.892 min
Delta R.T.: -0.022 min
Response: 3897590
Conc: 40.29 ug/ml



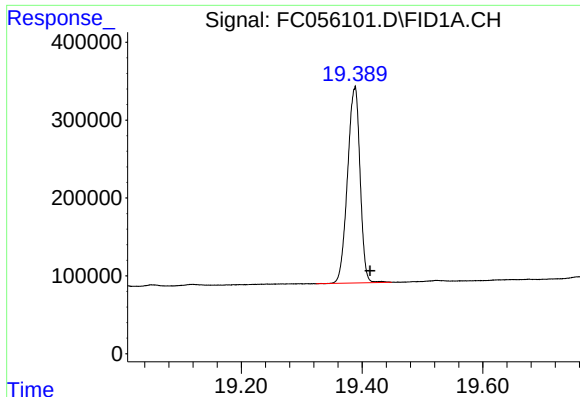
#17 n-Tricontane (C30)

R.T.: 17.778 min
Delta R.T.: -0.023 min
Response: 3848036
Conc: 41.47 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: -0.024 min
Response: 3773844
Conc: 42.45 ug/ml



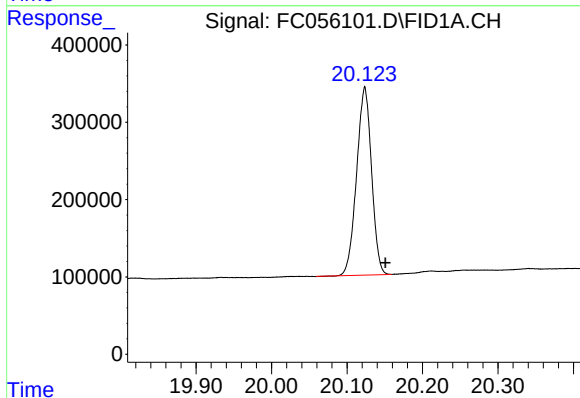
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.026 min
Response: 3626427
Conc: 41.93 ug/ml

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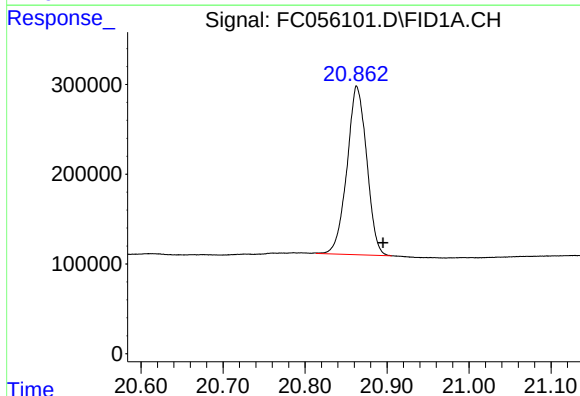
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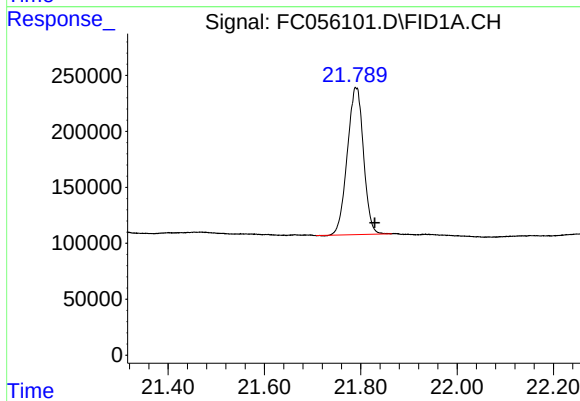
#20 n-Hexatriacontane (C36)

R.T.: 20.123 min
Delta R.T.: -0.027 min
Response: 3341332
Conc: 40.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.862 min
Delta R.T.: -0.033 min
Response: 3140852
Conc: 39.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: -0.039 min
Response: 3073692
Conc: 38.34 ug/ml