

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051322AL\
 Data File : FC059760.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 22:43
 Operator : UA/NP
 Sample : N2826-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-05-051222MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2022
 Supervised By :mohammad ahmed 05/16/2022

Integration File: sample.E
 Quant Time: May 13 23:57:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 2022
 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)	10.653	4381754	29.839 ug/mlm
Spiked Amount 50.000		Recovery =	59.68%
12) S 1-chlorooctadecane (S...	12.022	3477548	30.218 ug/mlm
Spiked Amount 50.000		Recovery =	60.44%
Target Compounds			
1) T n-Nonane (C9)	2.629	3615859	28.315 ug/ml
2) T n-Decane (C10)	3.629	4243535	33.507 ug/mlm
3) T A~Naphthalene (C11.7)	5.165	5304928	36.028 ug/ml
4) T n-Dodecane (C12)	5.584	4785688	36.391 ug/ml
5) T A~2-methylnaphthalene...	6.189	5259802	34.991 ug/ml
6) T n-Tetradecane (C14)	7.338	5196054	38.615 ug/ml
7) T n-Hexadecane (C16)	8.900	5502619	40.102 ug/ml
8) T n-Octadecane (C18)	10.310	5647925	40.984 ug/ml
10) T n-Eicosane (C20)	11.590	5434588	40.407 ug/ml
11) T n-Heneicosane (C21)	12.187	5225356	39.170 ug/mlm
13) T n-Docosane (C22)	12.760	5239000	39.919 ug/ml
14) T n-Tetracosane (C24)	13.831	9974552	79.275 ug/ml
15) T n-Hexacosane (C26)	14.841	4750905	39.780 ug/mlm
16) T n-Octacosane (C28)	15.767	4864797	42.731 ug/ml
17) T n-Tricontane (C30)	16.639	4500133	40.938 ug/mlm
18) T n-Dotriacontane (C32)	17.448	4468689	43.225 ug/mlm
19) T n-Tetratriacontane (C34)	18.214	4063026	41.616 ug/mlm
20) T n-Hexatriacontane (C36)	18.936	3628199	39.083 ug/mlm
21) T n-Octatriacontane (C38)	19.622	3742460	39.314 ug/mlm
22) T n-Tetracontane (C40)	20.269	3545966	37.458 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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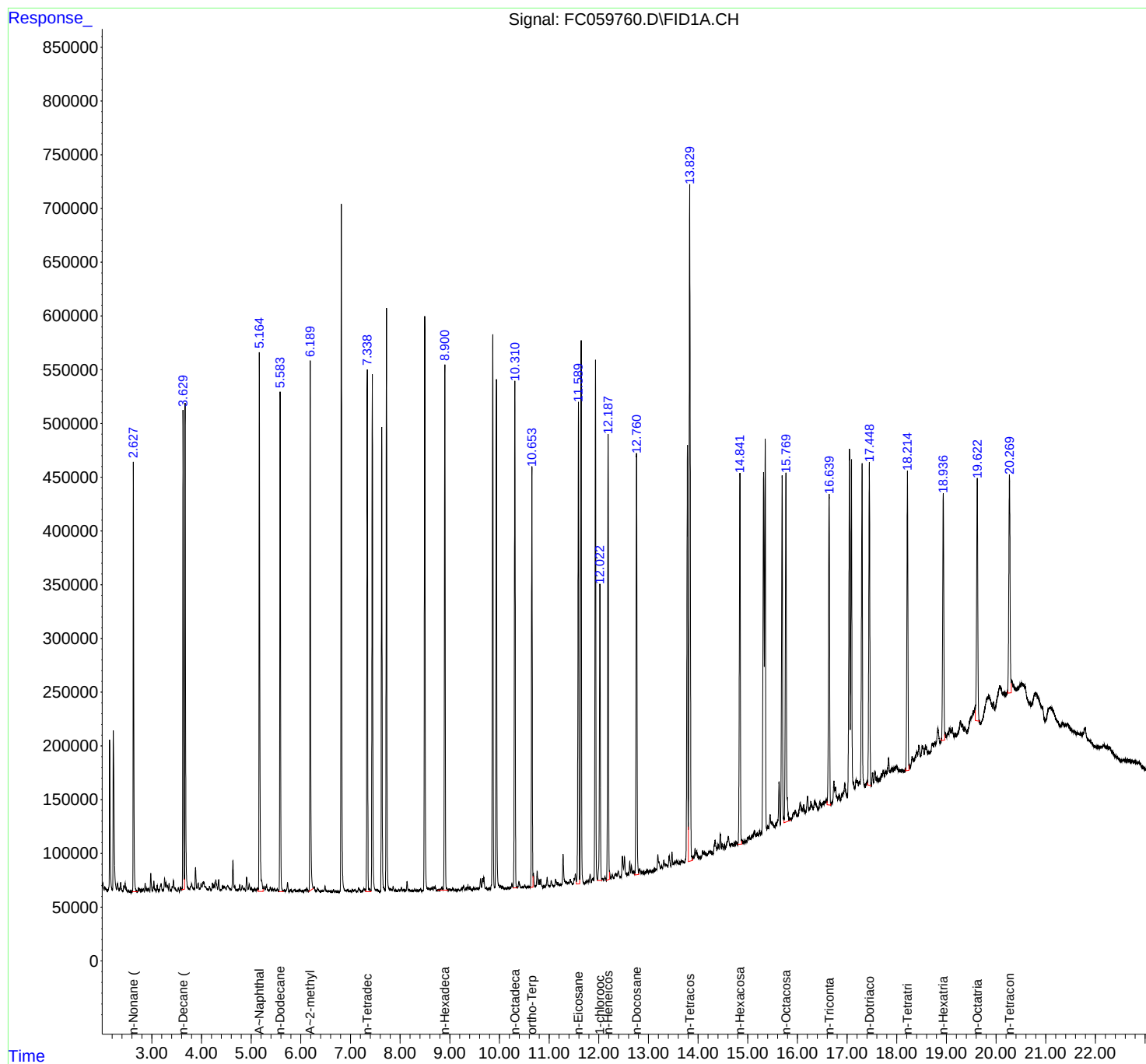
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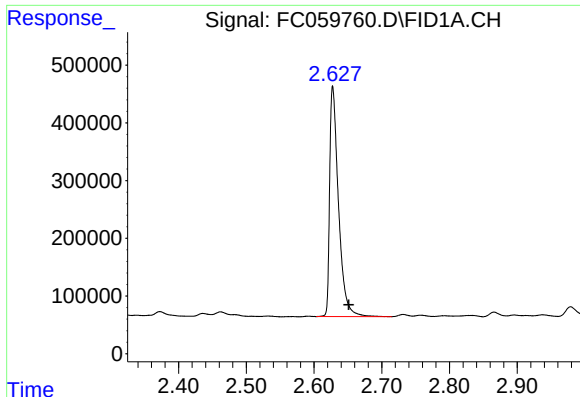
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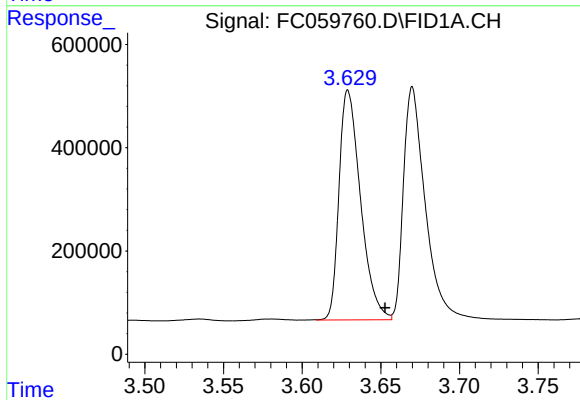
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.022 min
Response: 3615859
Conc: 28.31 ug/ml

Instrument :
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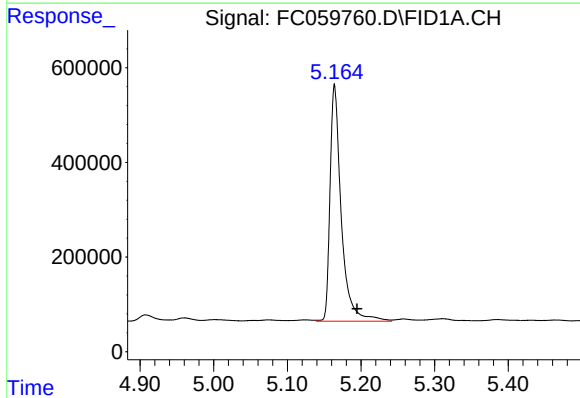
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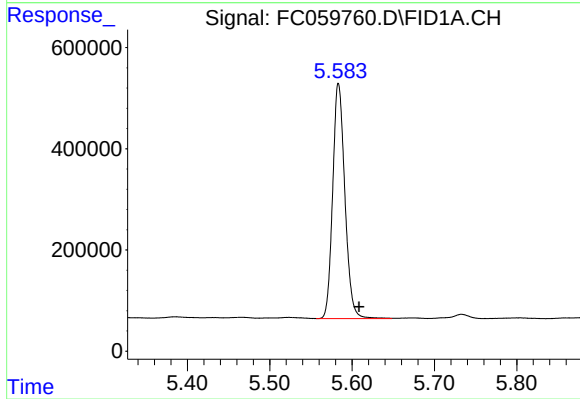
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.024 min
Response: 4243535
Conc: 33.51 ug/ml m



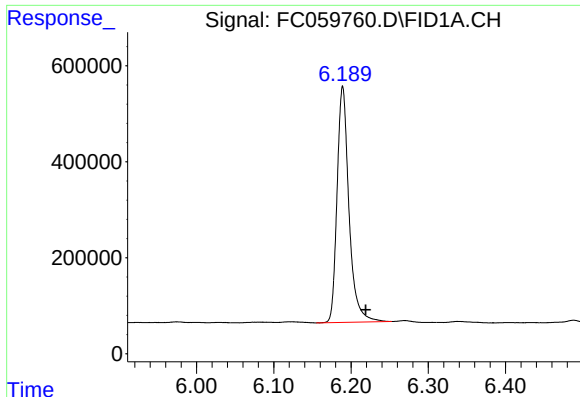
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.030 min
Response: 5304928
Conc: 36.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: -0.025 min
Response: 4785688
Conc: 36.39 ug/ml



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

R.T.: 6.189 min
Delta R.T.: -0.030 min
Response: 5259802
Conc: 34.99 ug/ml

Instrument :

FID_C

ClientSampleId :

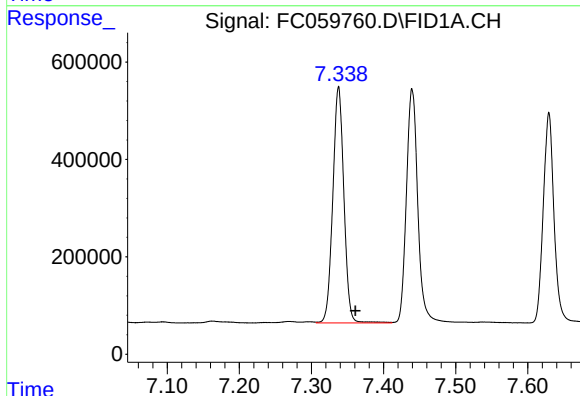
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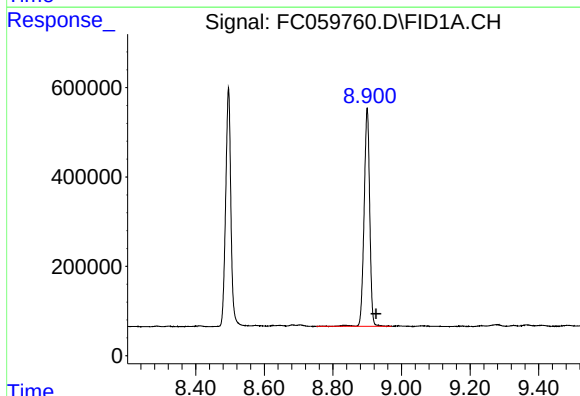
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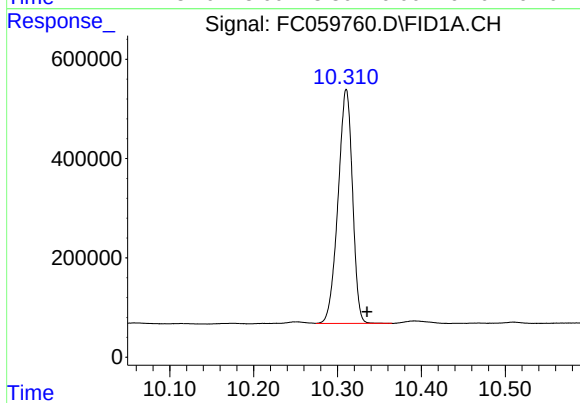
#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.023 min
Response: 5196054
Conc: 38.62 ug/ml



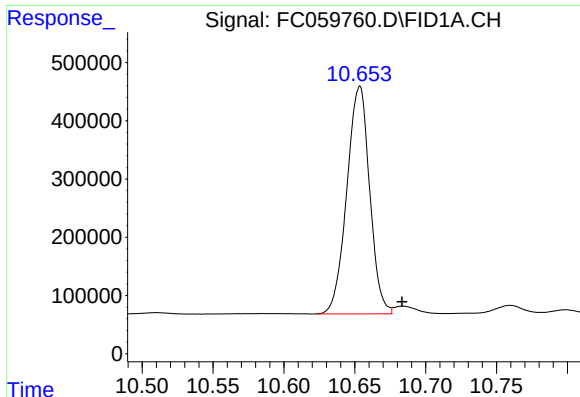
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: -0.026 min
Response: 5502619
Conc: 40.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: -0.025 min
Response: 5647925
Conc: 40.98 ug/ml



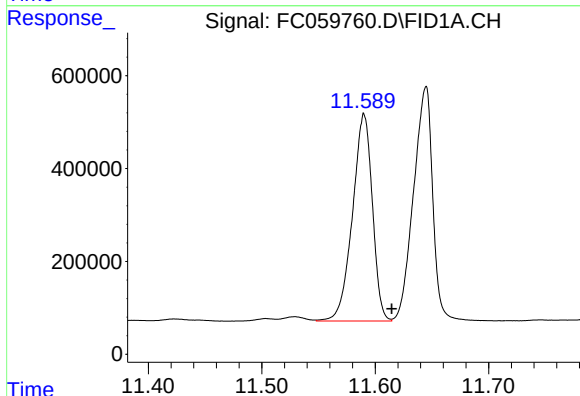
#9 ortho-Terphenyl (SURR)

R.T.: 10.653 min
Delta R.T.: -0.030 min
Response: 4381754
Conc: 29.84 ug/ml

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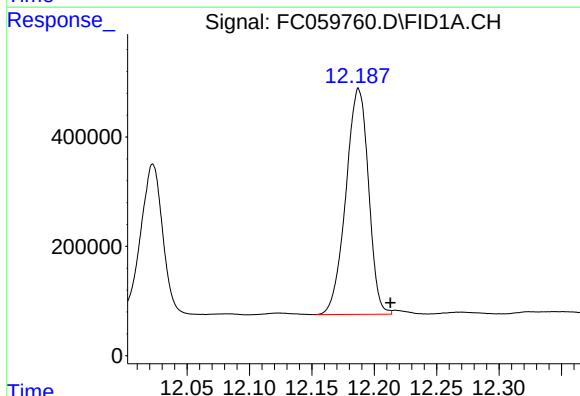
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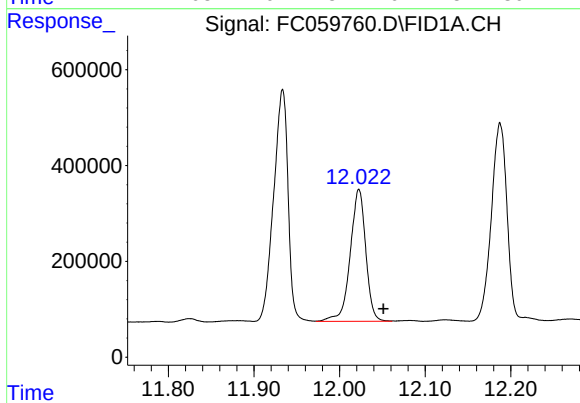
#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: -0.025 min
Response: 5434588
Conc: 40.41 ug/ml



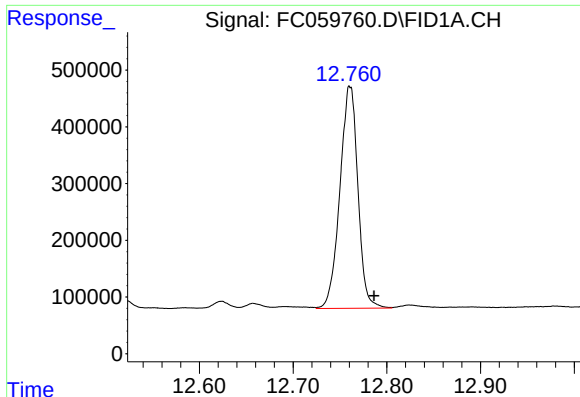
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: -0.026 min
Response: 5225356
Conc: 39.17 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.022 min
Delta R.T.: -0.029 min
Response: 3477548
Conc: 30.22 ug/ml m



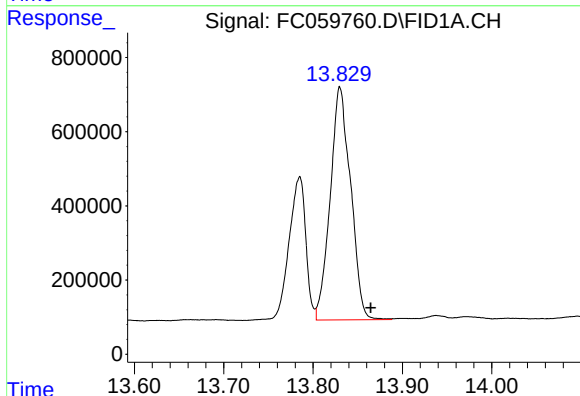
#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: -0.026 min
Response: 5239000
Conc: 39.92 ug/ml

Instrument :
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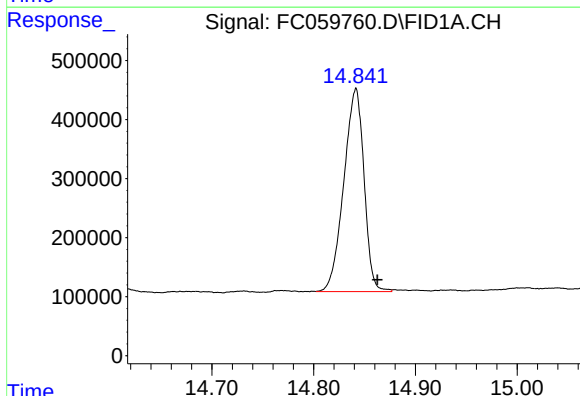
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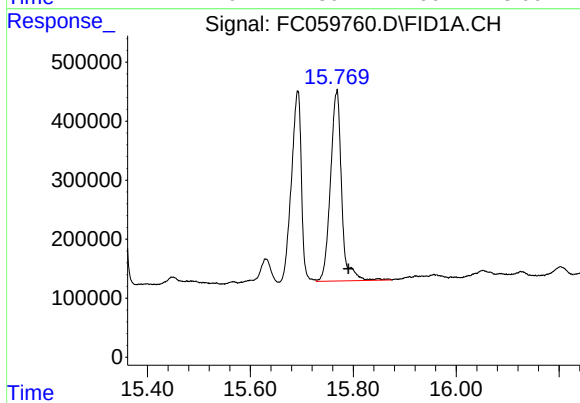
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.034 min
Response: 9974552
Conc: 79.28 ug/ml



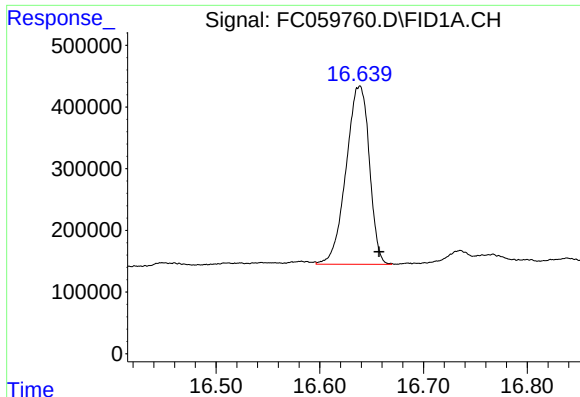
#15 n-Hexacosane (C26)

R.T.: 14.841 min
Delta R.T.: -0.021 min
Response: 4750905
Conc: 39.78 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.767 min
Delta R.T.: -0.023 min
Response: 4864797
Conc: 42.73 ug/ml



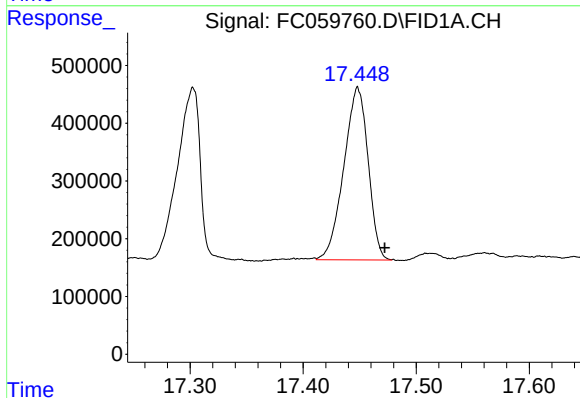
#17 n-Tricontane (C30)

R.T.: 16.639 min
Delta R.T.: -0.019 min
Response: 4500133
Conc: 40.94 ug/ml

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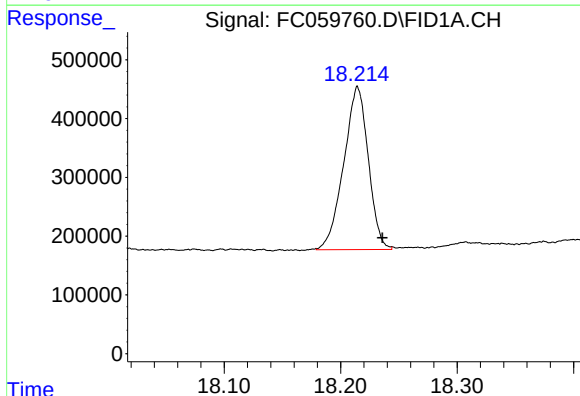
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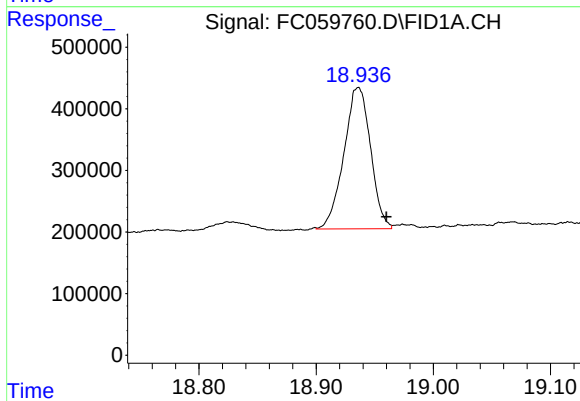
#18 n-Dotriacontane (C32)

R.T.: 17.448 min
Delta R.T.: -0.024 min
Response: 4468689
Conc: 43.22 ug/ml m



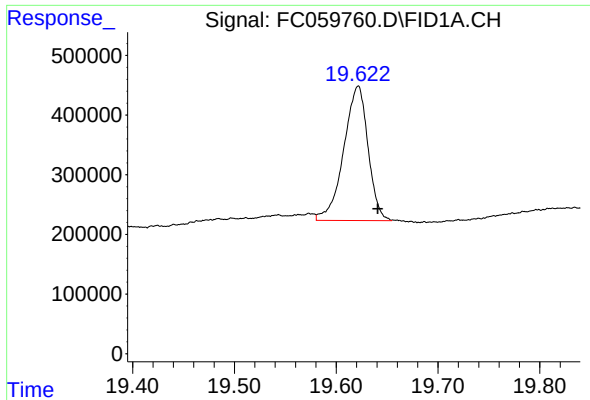
#19 n-Tetratriacontane (C34)

R.T.: 18.214 min
Delta R.T.: -0.022 min
Response: 4063026
Conc: 41.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.936 min
Delta R.T.: -0.024 min
Response: 3628199
Conc: 39.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.622 min
Delta R.T.: -0.019 min
Response: 3742460
Conc: 39.31 ug/ml

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FID_C

ClientSampleId :

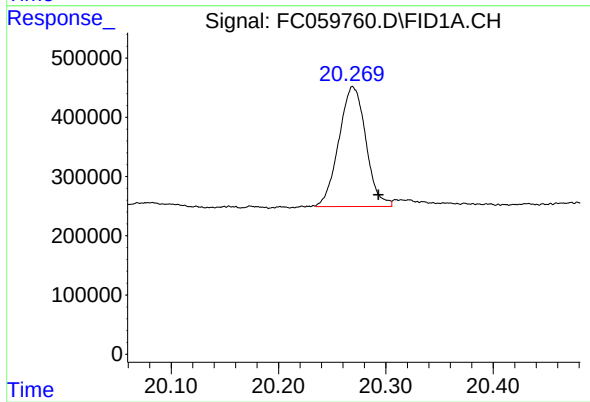
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#22 n-Tetracontane (C40)

R.T.: 20.269 min
Delta R.T.: -0.024 min
Response: 3545966
Conc: 37.46 ug/ml m