

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051622AL\
 Data File : FC059788.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 1:31
 Operator : UA/NP
 Sample : PB144851BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144851BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E
 Quant Time: May 17 03:25:07 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			
12) S 1-chlorooctadecane (S...	12.028	5687349	49.421 ug/ml
Spiked Amount 50.000		Recovery =	98.84%
Target Compounds			
1) T n-Nonane (C9)	2.631	3165538	24.788 ug/ml
2) T n-Decane (C10)	3.628	4228710	33.390 ug/mlm
3) T A~Naphthalene (C11.7)	5.173	830697	5.642 ug/ml
4) T n-Dodecane (C12)	5.583	5254617	39.956 ug/ml
5) T A~2-methylnaphthalene...	6.196	754751	5.021 ug/ml
6) T n-Tetradecane (C14)	7.336	5857035	43.528 ug/ml
7) T n-Hexadecane (C16)	8.902	6443970	46.963 ug/ml
8) T n-Octadecane (C18)	10.313	6931272	50.297 ug/ml
10) T n-Eicosane (C20)	11.593	6598909	49.064 ug/ml
11) T n-Heneicosane (C21)	12.192	6472585	48.519 ug/ml
13) T n-Docosane (C22)	12.764	6320652	48.161 ug/ml
14) T n-Tetracosane (C24)	13.842	6105288	48.523 ug/ml
15) T n-Hexacosane (C26)	14.842	5839161	48.892 ug/ml
16) T n-Octacosane (C28)	15.769	5545712	48.712 ug/ml
17) T n-Tricontane (C30)	16.637	5413162	49.244 ug/ml
18) T n-Dotriacontane (C32)	17.450	5395401	52.189 ug/mlm
19) T n-Tetratriacontane (C34)	18.215	4930764	50.504 ug/mlm
20) T n-Hexatriacontane (C36)	18.937	4659978	50.197 ug/mlm
21) T n-Octatriacontane (C38)	19.622	4500185	47.274 ug/mlm
22) T n-Tetracontane (C40)	20.271	4349308	45.945 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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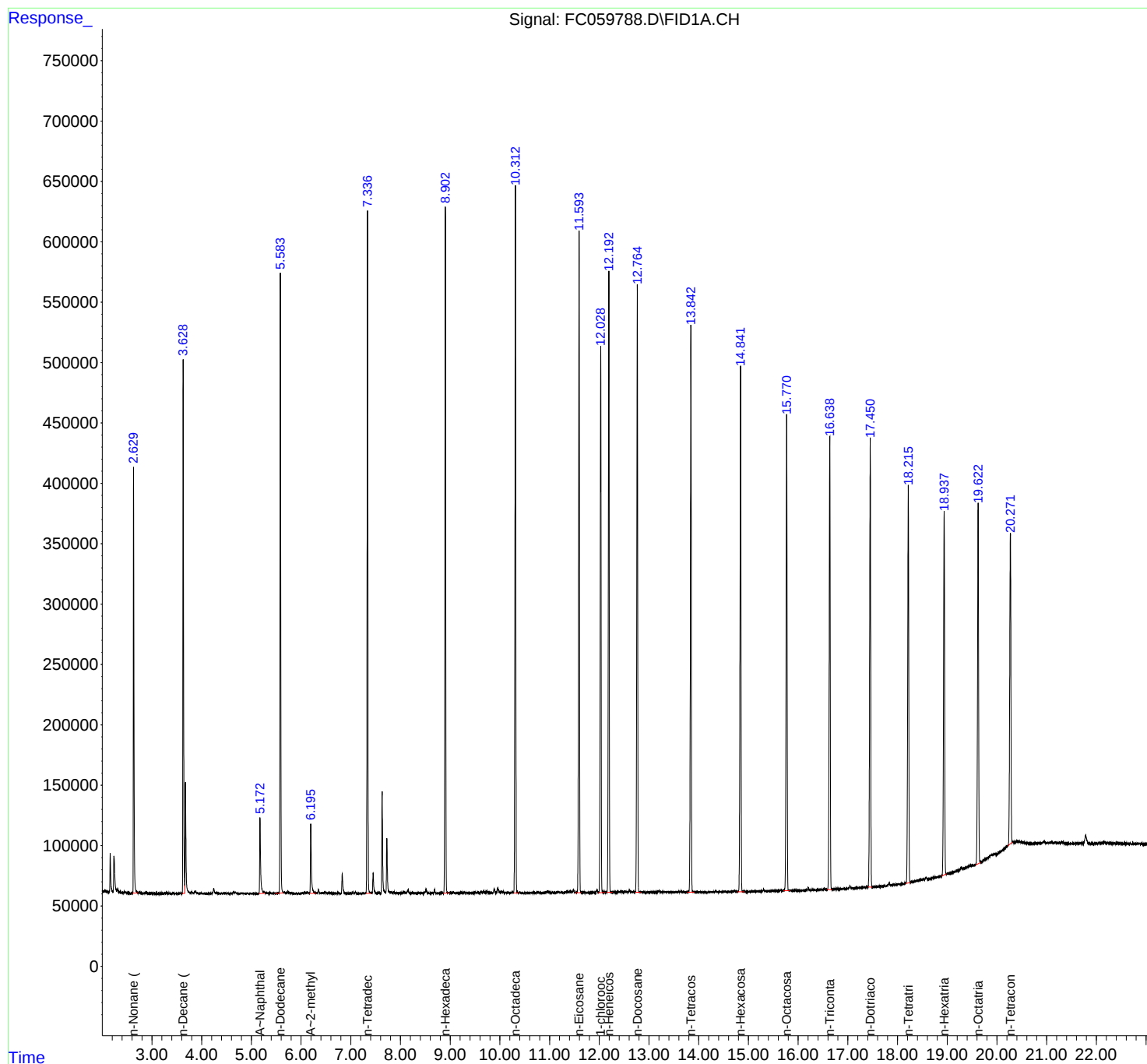
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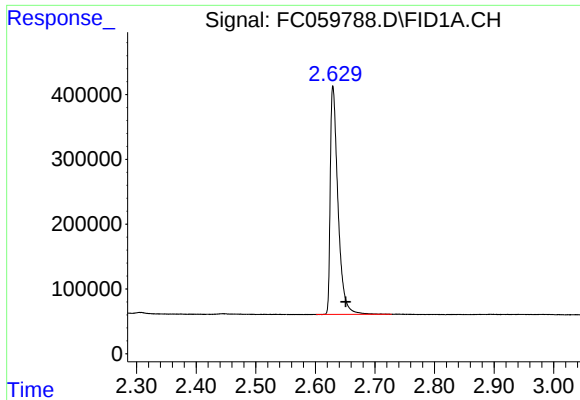
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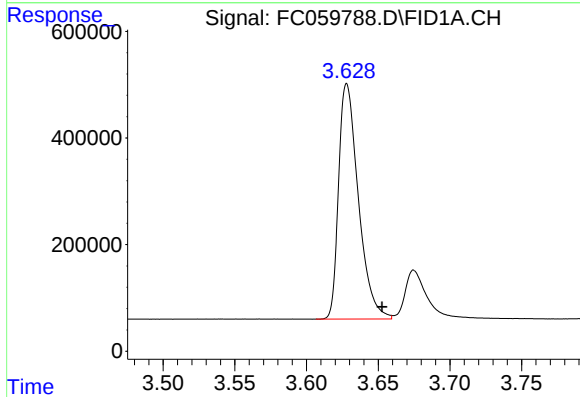
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.020 min
Response: 3165538
Conc: 24.79 ug/ml

Instrument :
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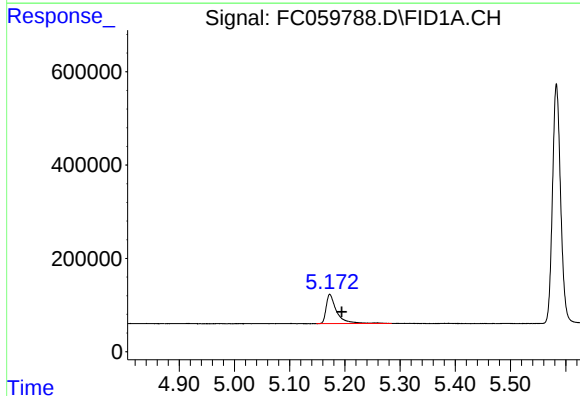
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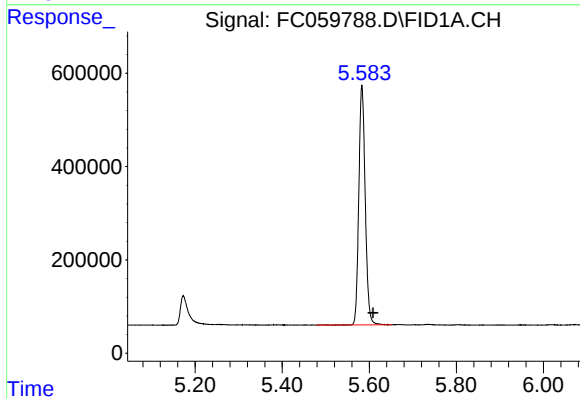
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.025 min
Response: 4228710
Conc: 33.39 ug/ml m



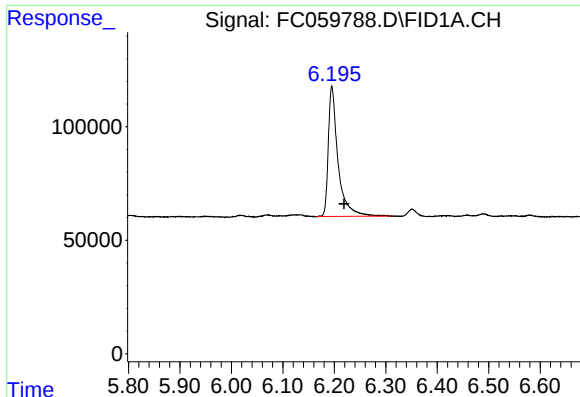
#3 A~Naphthalene (C11.7)

R.T.: 5.173 min
Delta R.T.: -0.021 min
Response: 830697
Conc: 5.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.583 min
Delta R.T.: -0.025 min
Response: 5254617
Conc: 39.96 ug/ml



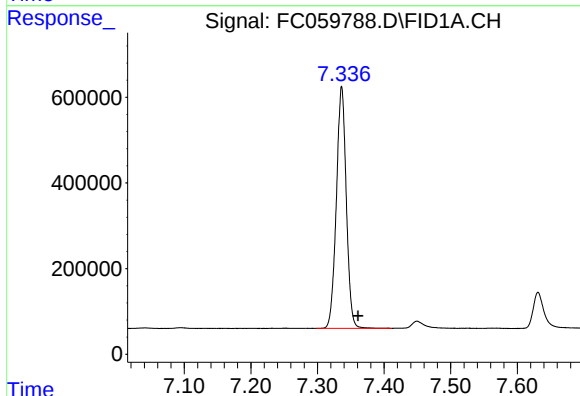
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.196 min
Delta R.T.: -0.023 min
Response: 754751
Conc: 5.02 ug/ml

Instrument :
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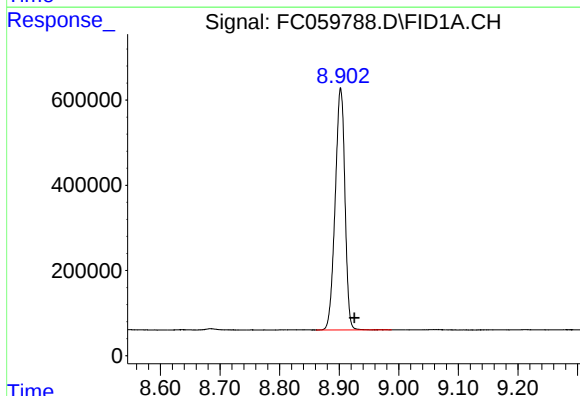
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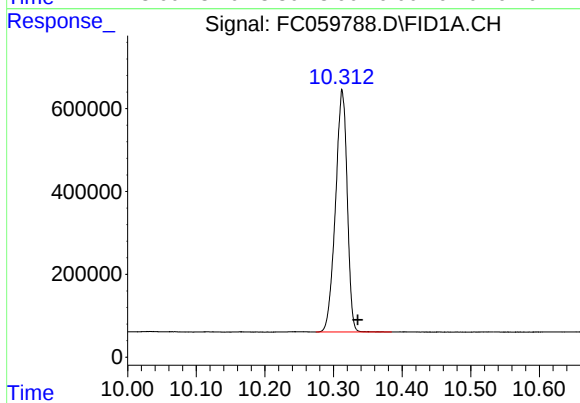
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: -0.025 min
Response: 5857035
Conc: 43.53 ug/ml



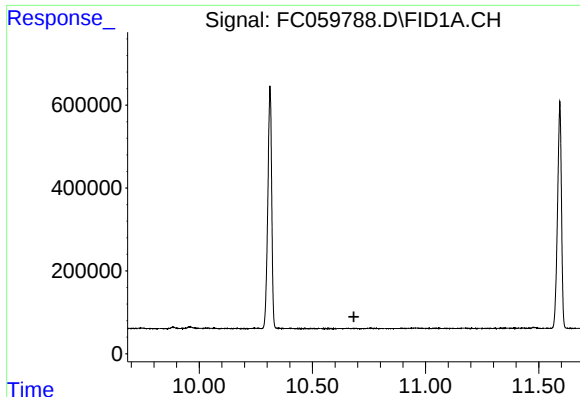
#7 n-Hexadecane (C16)

R.T.: 8.902 min
Delta R.T.: -0.023 min
Response: 6443970
Conc: 46.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.313 min
Delta R.T.: -0.023 min
Response: 6931272
Conc: 50.30 ug/ml



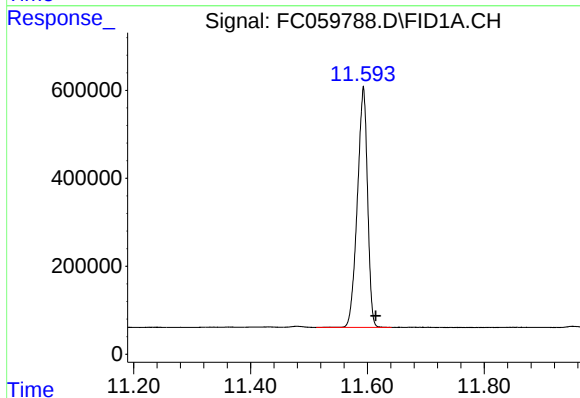
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.683 min
Response: 0
Conc: N.D.

Instrument :
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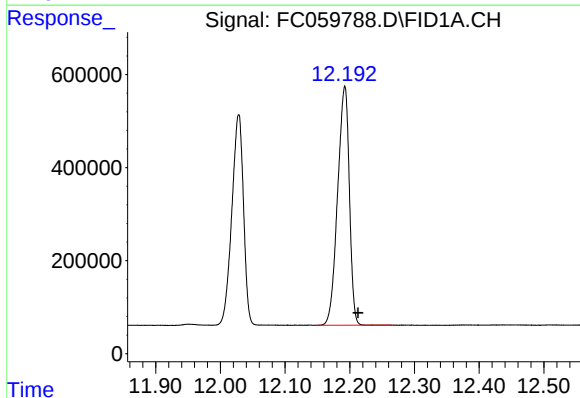
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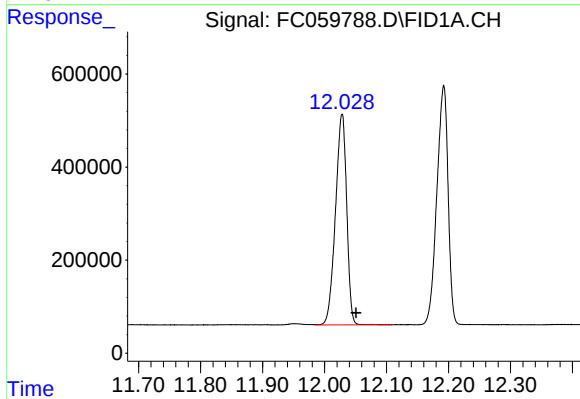
#10 n-Eicosane (C20)

R.T.: 11.593 min
Delta R.T.: -0.022 min
Response: 6598909
Conc: 49.06 ug/ml



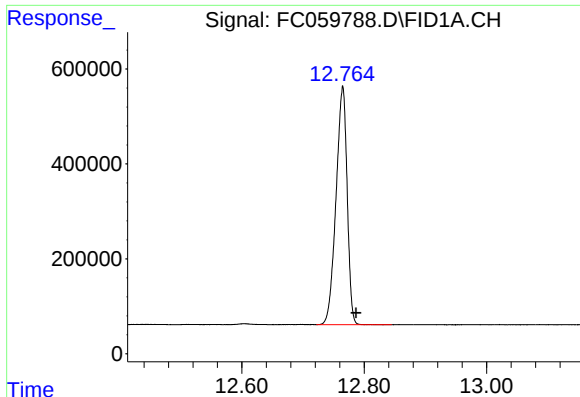
#11 n-Heneicosane (C21)

R.T.: 12.192 min
Delta R.T.: -0.021 min
Response: 6472585
Conc: 48.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.028 min
Delta R.T.: -0.023 min
Response: 5687349
Conc: 49.42 ug/ml



#13 n-Docosane (C22)

R.T.: 12.764 min
Delta R.T.: -0.022 min
Response: 6320652
Conc: 48.16 ug/ml

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FID_C

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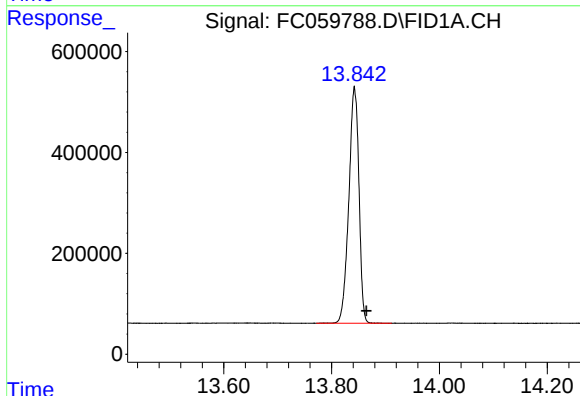
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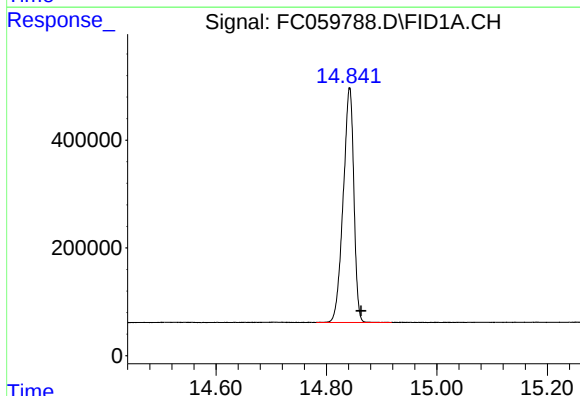
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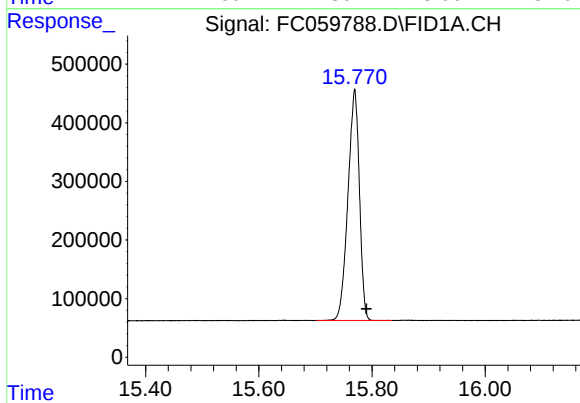
#14 n-Tetracosane (C24)

R.T.: 13.842 min
Delta R.T.: -0.022 min
Response: 6105288
Conc: 48.52 ug/ml



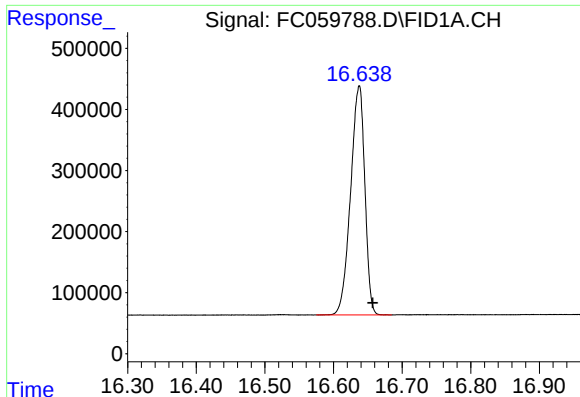
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: -0.021 min
Response: 5839161
Conc: 48.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.769 min
Delta R.T.: -0.021 min
Response: 5545712
Conc: 48.71 ug/ml



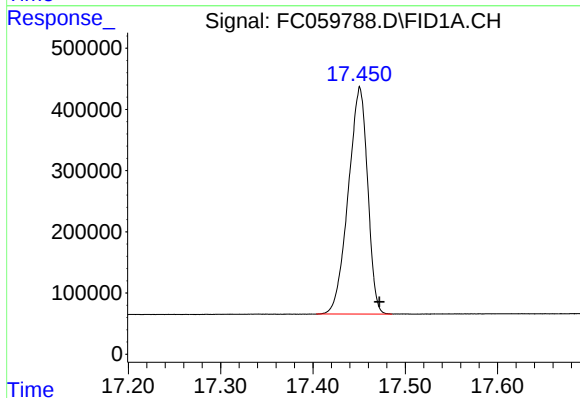
#17 n-Tricontane (C30)

R.T.: 16.637 min
Delta R.T.: -0.020 min
Response: 5413162
Conc: 49.24 ug/ml

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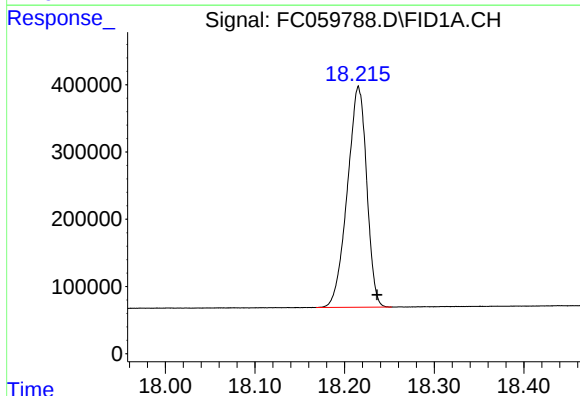
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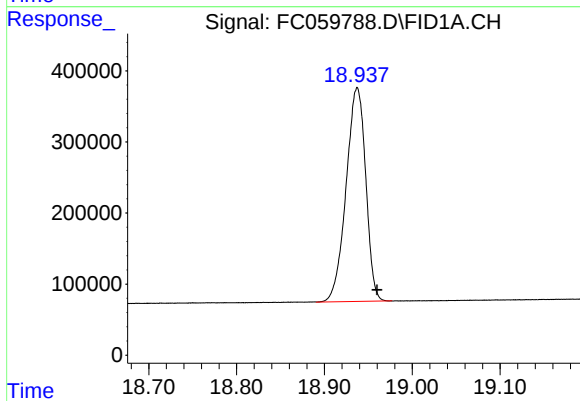
#18 n-Dotriacontane (C32)

R.T.: 17.450 min
Delta R.T.: -0.022 min
Response: 5395401
Conc: 52.19 ug/ml m



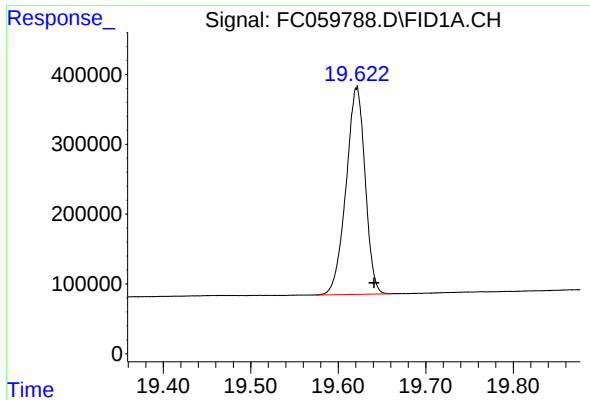
#19 n-Tetratriacontane (C34)

R.T.: 18.215 min
Delta R.T.: -0.021 min
Response: 4930764
Conc: 50.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.937 min
Delta R.T.: -0.023 min
Response: 4659978
Conc: 50.20 ug/ml m



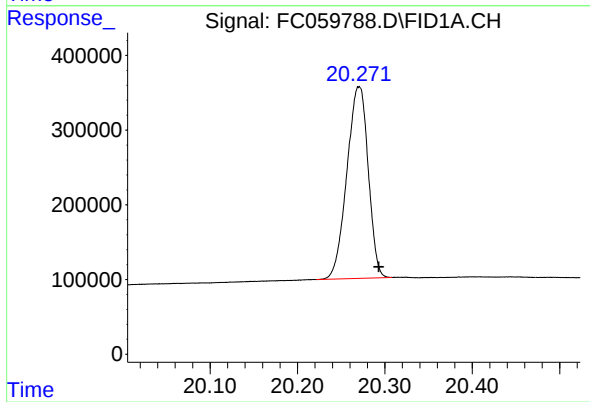
#21 n-Octatriacontane (C38)

R.T.: 19.622 min
Delta R.T.: -0.019 min
Response: 4500185
Conc: 47.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.271 min
Delta R.T.: -0.022 min
Response: 4349308
Conc: 45.94 ug/ml m