

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051622AL\
 Data File : FC059789.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 2:11
 Operator : UA/NP
 Sample : PB144851BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144851BSD

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 03:25:45 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	6051173	52.582 ug/ml
Spiked Amount 50.000		Recovery =	105.16%
Target Compounds			
1) T n-Nonane (C9)	2.631	3292491	25.782 ug/ml
2) T n-Decane (C10)	3.628	4366957	34.481 ug/mlm
3) T A~Naphthalene (C11.7)	5.173	816610	5.546 ug/ml
4) T n-Dodecane (C12)	5.583	5417363	41.194 ug/ml
5) T A~2-methylnaphthalene...	6.196	762968	5.076 ug/ml
6) T n-Tetradecane (C14)	7.337	6040132	44.888 ug/ml
7) T n-Hexadecane (C16)	8.902	6641277	48.401 ug/ml
8) T n-Octadecane (C18)	10.313	7174012	52.058 ug/ml
10) T n-Eicosane (C20)	11.594	6818590	50.697 ug/ml
11) T n-Heneicosane (C21)	12.192	6699375	50.219 ug/ml
13) T n-Docosane (C22)	12.764	6543165	49.856 ug/ml
14) T n-Tetracosane (C24)	13.843	6336579	50.362 ug/ml
15) T n-Hexacosane (C26)	14.841	6050562	50.662 ug/ml
16) T n-Octacosane (C28)	15.770	5744297	50.457 ug/ml
17) T n-Tricontane (C30)	16.638	5601738	50.960 ug/ml
18) T n-Dotriacontane (C32)	17.451	5570711	53.884 ug/mlm
19) T n-Tetratriacontane (C34)	18.217	5092665	52.162 ug/mlm
20) T n-Hexatriacontane (C36)	18.939	4820959	51.931 ug/mlm
21) T n-Octatriacontane (C38)	19.621	4622095	48.555 ug/mlm
22) T n-Tetracontane (C40)	20.269	4495679	47.491 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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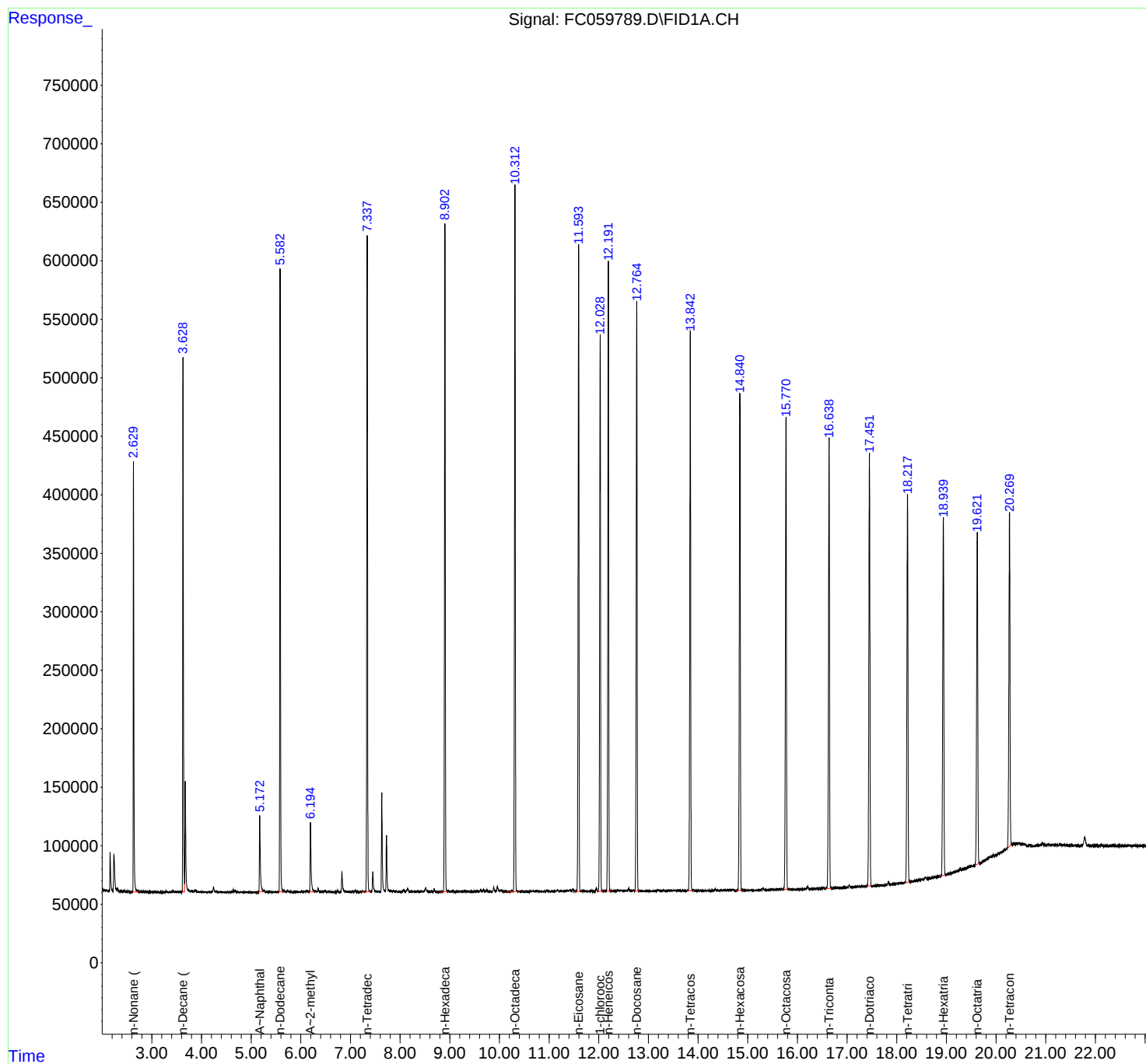
Instrument :
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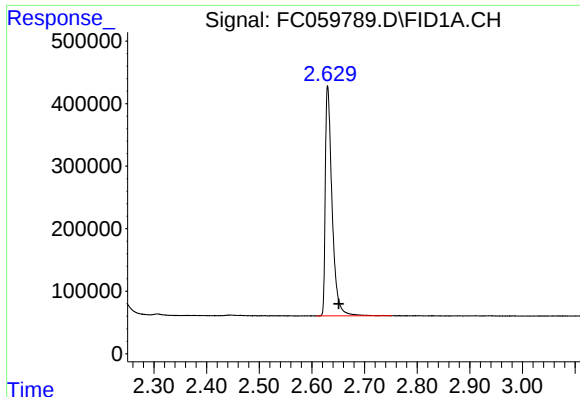
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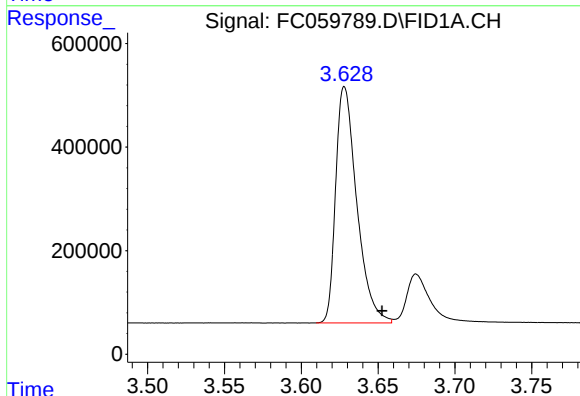
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.020 min
Response: 3292491
Conc: 25.78 ug/ml

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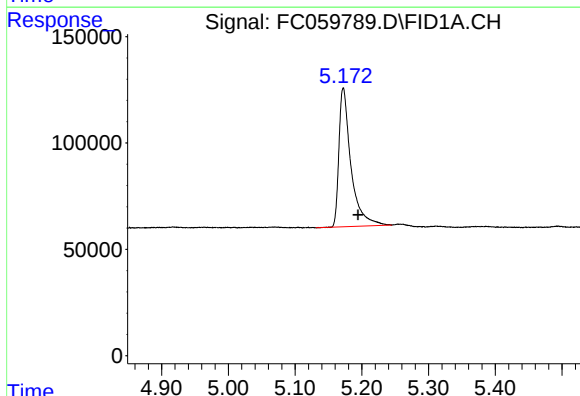
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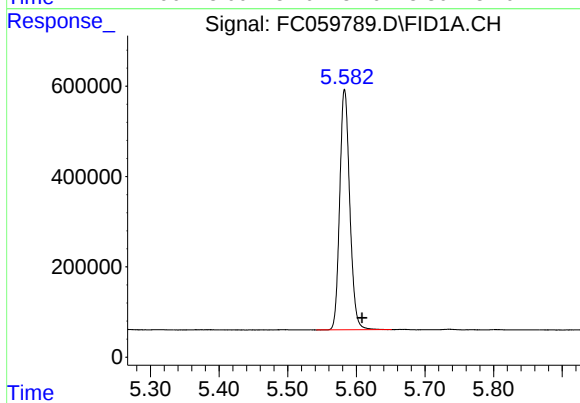
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: -0.025 min
Response: 4366957
Conc: 34.48 ug/ml m



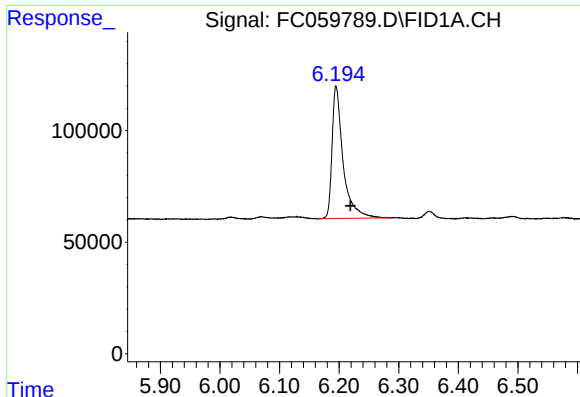
#3 A~Naphthalene (C11.7)

R.T.: 5.173 min
Delta R.T.: -0.022 min
Response: 816610
Conc: 5.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.583 min
Delta R.T.: -0.026 min
Response: 5417363
Conc: 41.19 ug/ml



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

R.T.: 6.196 min
Delta R.T.: -0.024 min
Response: 762968
Conc: 5.08 ug/ml

Instrument :

FID_C

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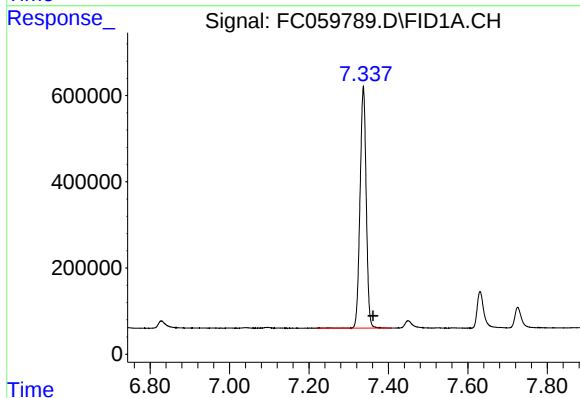
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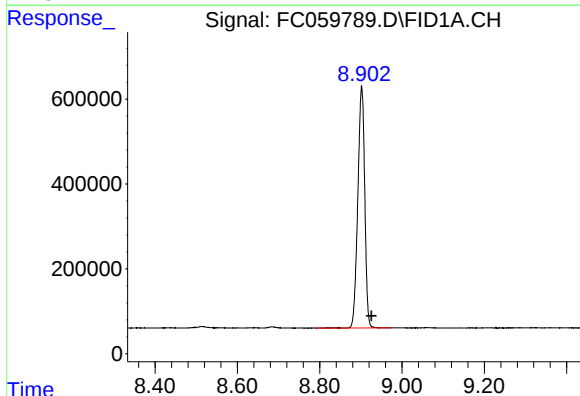
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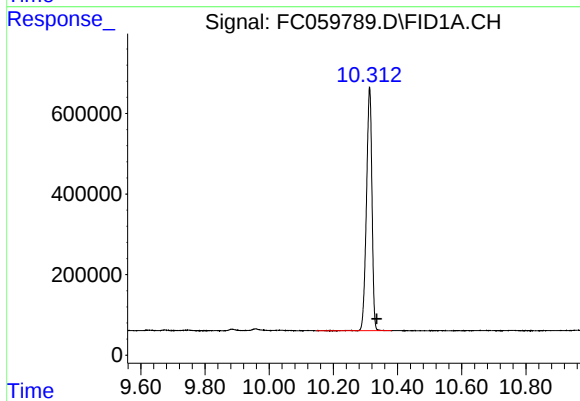
#6 n-Tetradecane (C14)

R.T.: 7.337 min
Delta R.T.: -0.024 min
Response: 6040132
Conc: 44.89 ug/ml



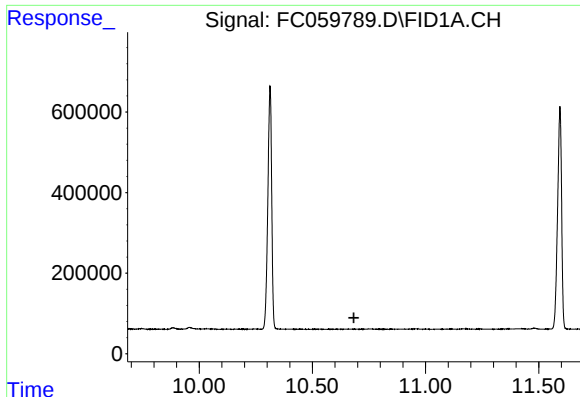
#7 n-Hexadecane (C16)

R.T.: 8.902 min
Delta R.T.: -0.024 min
Response: 6641277
Conc: 48.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.313 min
Delta R.T.: -0.023 min
Response: 7174012
Conc: 52.06 ug/ml



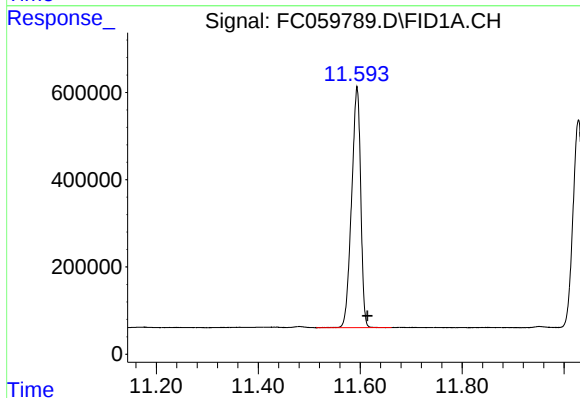
#9 ortho-Terphenyl (SURR)

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

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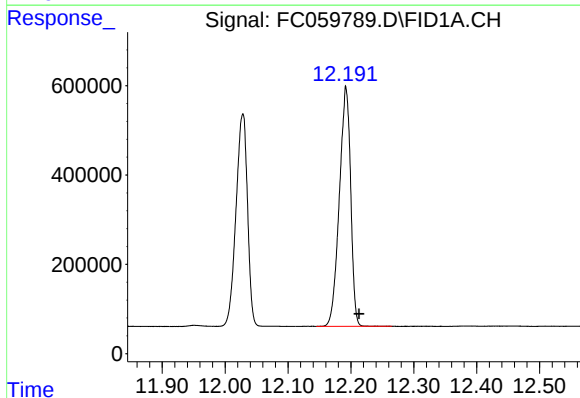
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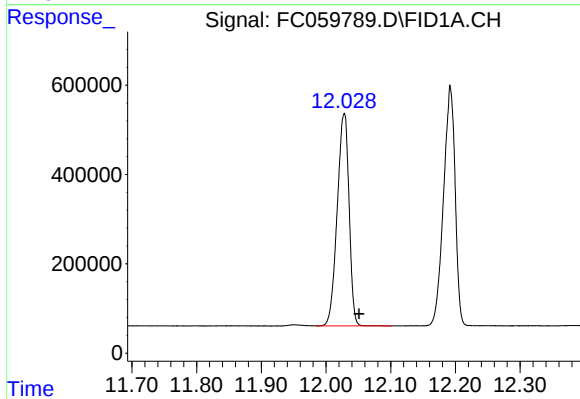
#10 n-Eicosane (C20)

R.T.: 11.594 min
Delta R.T.: -0.021 min
Response: 6818590
Conc: 50.70 ug/ml



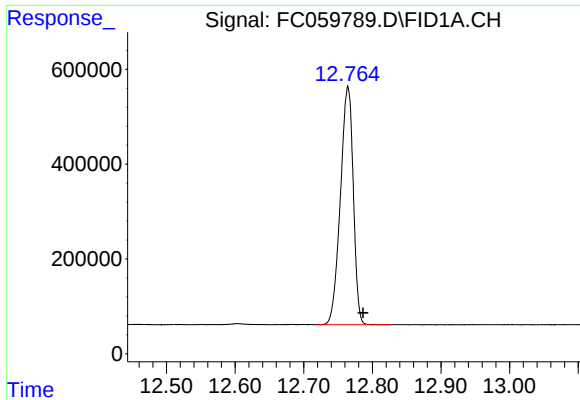
#11 n-Heneicosane (C21)

R.T.: 12.192 min
Delta R.T.: -0.021 min
Response: 6699375
Conc: 50.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.028 min
Delta R.T.: -0.023 min
Response: 6051173
Conc: 52.58 ug/ml



#13 n-Docosane (C22)

R.T.: 12.764 min
Delta R.T.: -0.022 min
Response: 6543165
Conc: 49.86 ug/ml

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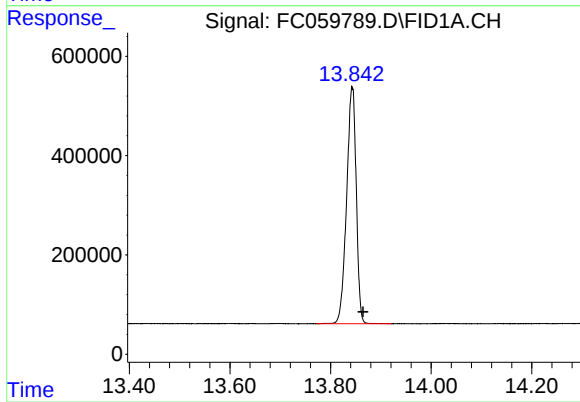
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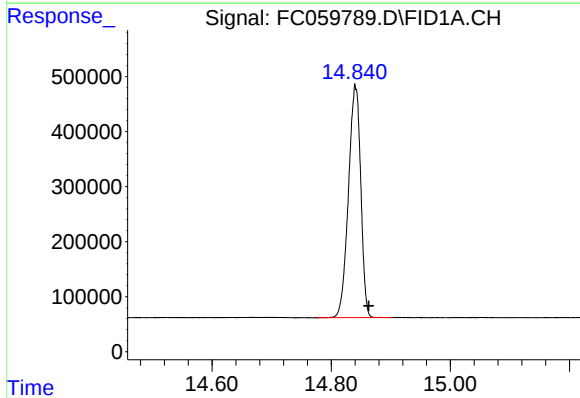
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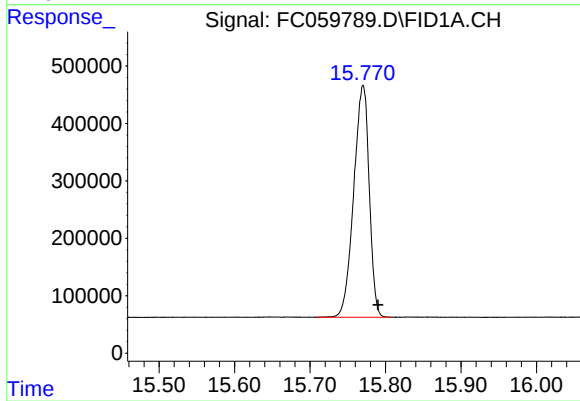
#14 n-Tetracosane (C24)

R.T.: 13.843 min
Delta R.T.: -0.022 min
Response: 6336579
Conc: 50.36 ug/ml



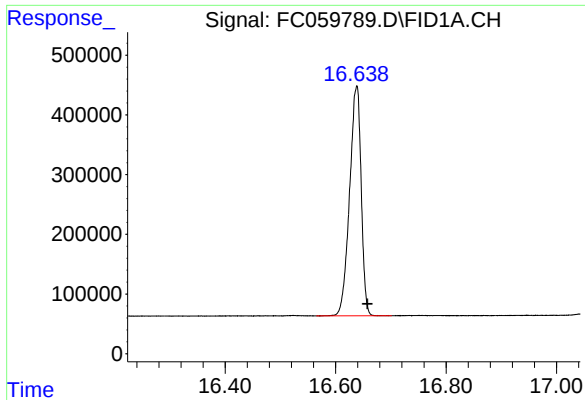
#15 n-Hexacosane (C26)

R.T.: 14.841 min
Delta R.T.: -0.022 min
Response: 6050562
Conc: 50.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.770 min
Delta R.T.: -0.020 min
Response: 5744297
Conc: 50.46 ug/ml



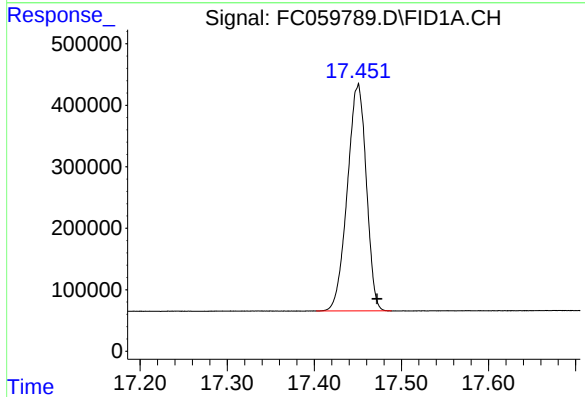
#17 n-Tricontane (C30)

R.T.: 16.638 min
Delta R.T.: -0.020 min
Response: 5601738
Conc: 50.96 ug/ml

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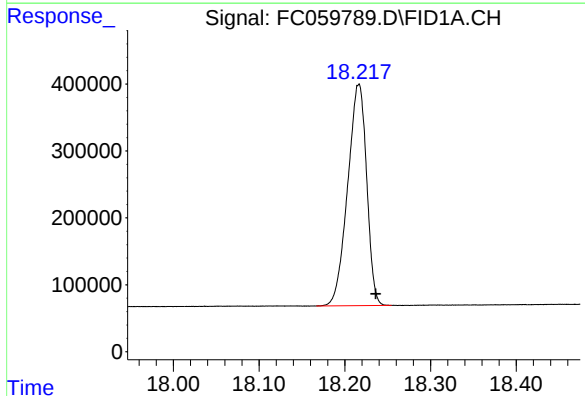
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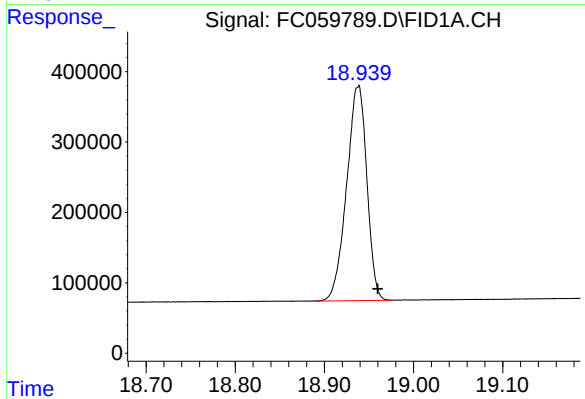
#18 n-Dotriacontane (C32)

R.T.: 17.451 min
Delta R.T.: -0.021 min
Response: 5570711
Conc: 53.88 ug/ml m



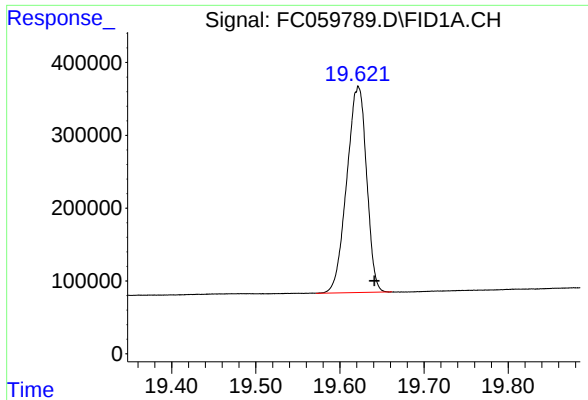
#19 n-Tetratriacontane (C34)

R.T.: 18.217 min
Delta R.T.: -0.019 min
Response: 5092665
Conc: 52.16 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.939 min
Delta R.T.: -0.021 min
Response: 4820959
Conc: 51.93 ug/ml m



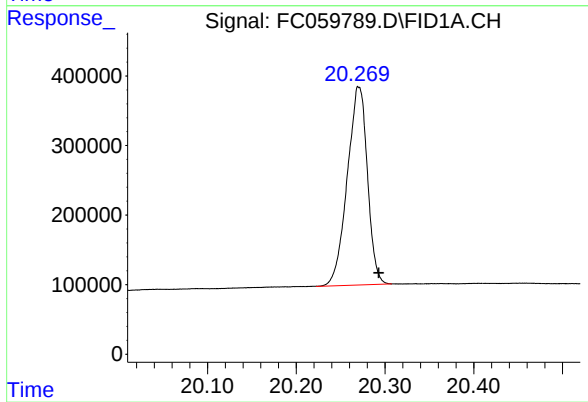
#21 n-Octatriacontane (C38)

R.T.: 19.621 min
Delta R.T.: -0.020 min
Response: 4622095
Conc: 48.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.269 min
Delta R.T.: -0.024 min
Response: 4495679
Conc: 47.49 ug/ml m