

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059712.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2022 14:32
 Operator : UA/NP
 Sample : PB144761BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144761BS

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: May 13 03:40:57 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)	10.659	7095640	48.320 ug/ml
Spiked Amount 50.000		Recovery =	96.64%
12) S 1-chlorooctadecane (S...	12.027	5792649	50.336 ug/ml
Spiked Amount 50.000		Recovery =	100.67%
Target Compounds			
1) T n-Nonane (C9)	2.645	4950303	38.764 ug/ml
2) T n-Decane (C10)	3.639	5370548	42.406 ug/ml
3) T A~Naphthalene (C11.7)	5.169	6745091	45.809 ug/ml
4) T n-Dodecane (C12)	5.587	5961398	45.331 ug/ml
5) T A~2-methylnaphthalene...	6.192	6859928	45.636 ug/ml
6) T n-Tetradecane (C14)	7.341	6364007	47.295 ug/ml
7) T n-Hexadecane (C16)	8.904	6912727	50.379 ug/ml
8) T n-Octadecane (C18)	10.315	7520979	54.576 ug/ml
10) T n-Eicosane (C20)	11.595	7253557	53.931 ug/ml
11) T n-Heneicosane (C21)	12.192	7167902	53.731 ug/ml
13) T n-Docosane (C22)	12.764	7030789	53.572 ug/ml
14) T n-Tetracosane (C24)	13.836	13112959	104.219 ug/ml
15) T n-Hexacosane (C26)	14.842	6466296	54.143 ug/ml
16) T n-Octacosane (C28)	15.767	6168586	54.184 ug/ml
17) T n-Tricontane (C30)	16.639	5821944	52.963 ug/ml
18) T n-Dotriacontane (C32)	17.448	5696811	55.104 ug/mlm
19) T n-Tetratriacontane (C34)	18.211	5152833	52.779 ug/mlm
20) T n-Hexatriacontane (C36)	18.931	4857518	52.325 ug/mlm
21) T n-Octatriacontane (C38)	19.616	4690253	49.271 ug/mlm
22) T n-Tetracontane (C40)	20.266	4600480	48.598 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB144761BS
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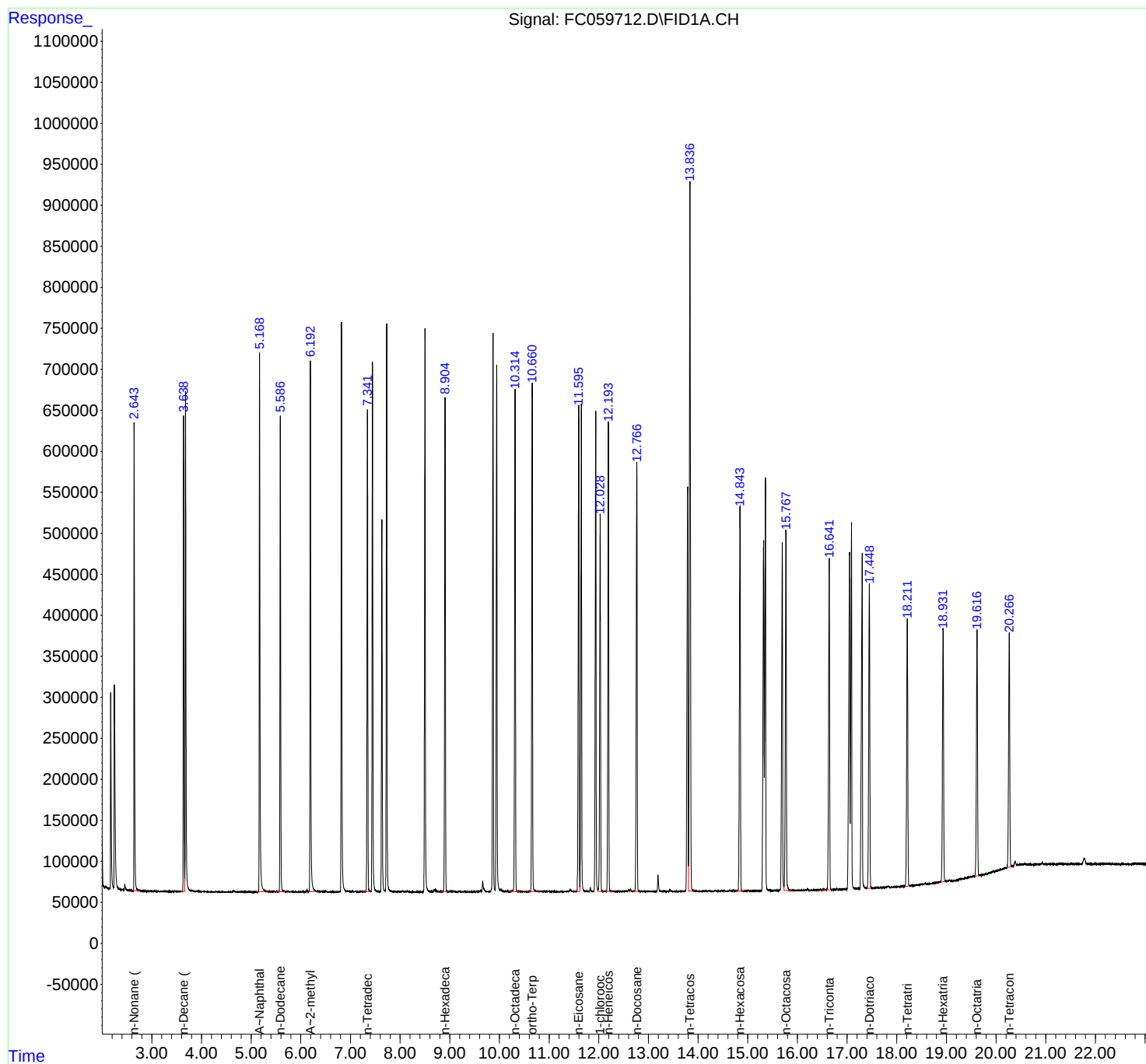
Instrument :
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ClientSampleId :
PB144761BS

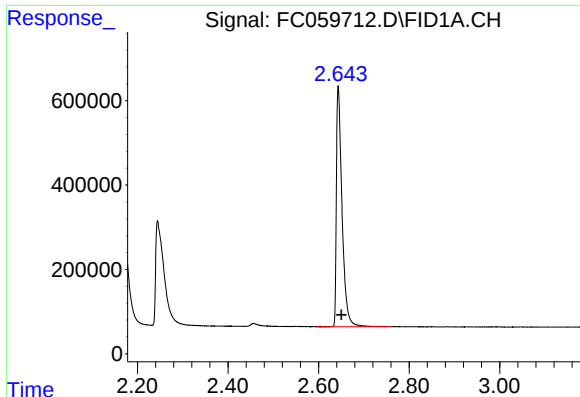
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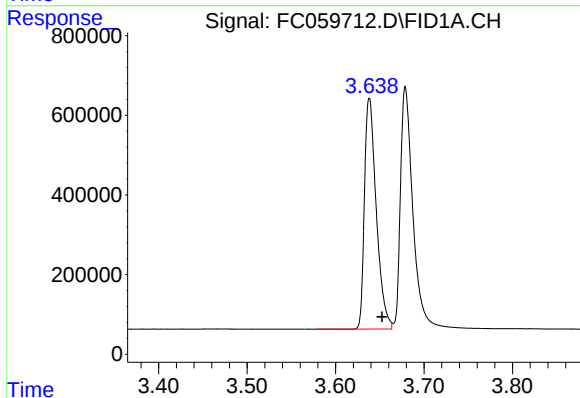
#1 n-Nonane (C9)

R.T.: 2.645 min
Delta R.T.: -0.006 min
Response: 4950303
Conc: 38.76 ug/ml

Instrument :
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ClientSampleId :
PB144761BS

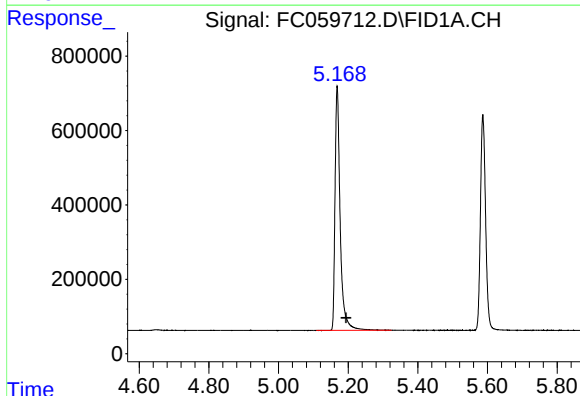
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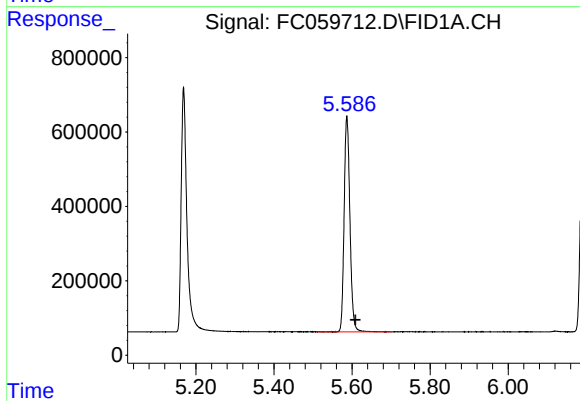
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: -0.014 min
Response: 5370548
Conc: 42.41 ug/ml



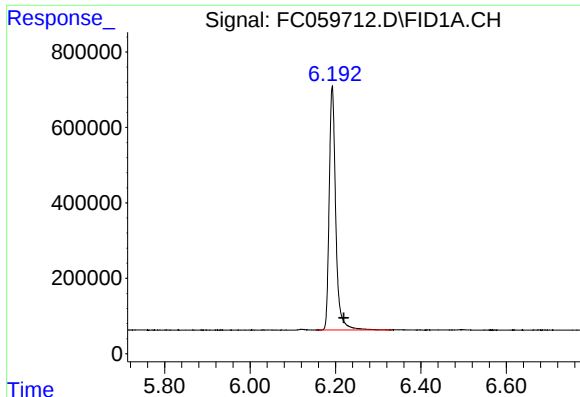
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.026 min
Response: 6745091
Conc: 45.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.022 min
Response: 5961398
Conc: 45.33 ug/ml



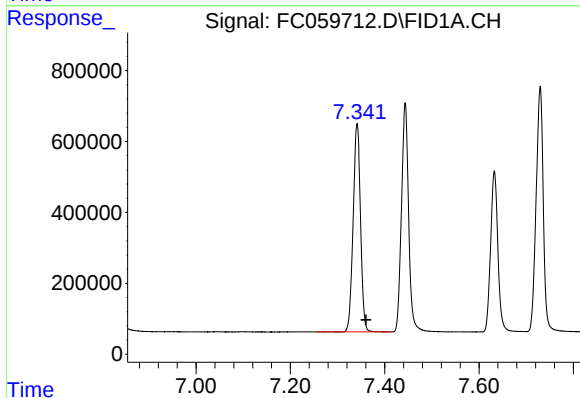
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min
Delta R.T.: -0.027 min
Response: 6859928
Conc: 45.64 ug/ml

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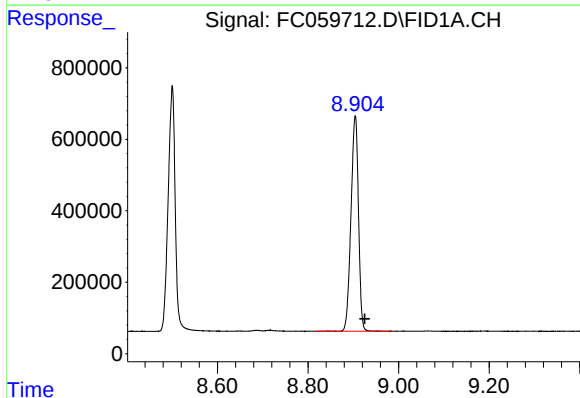
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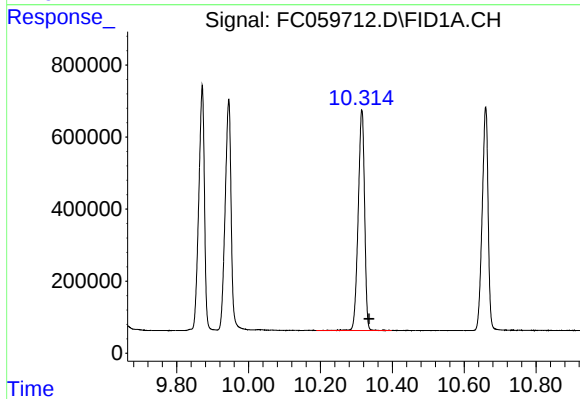
#6 n-Tetradecane (C14)

R.T.: 7.341 min
Delta R.T.: -0.019 min
Response: 6364007
Conc: 47.30 ug/ml



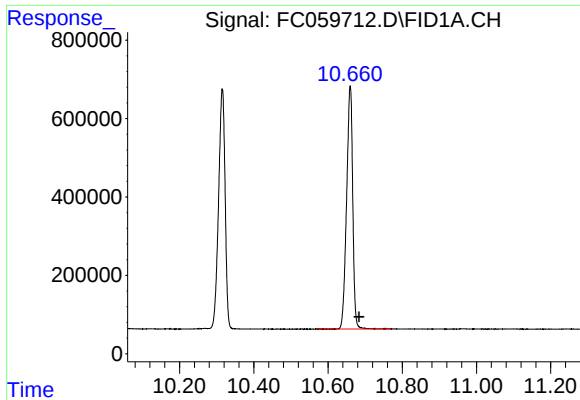
#7 n-Hexadecane (C16)

R.T.: 8.904 min
Delta R.T.: -0.022 min
Response: 6912727
Conc: 50.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.315 min
Delta R.T.: -0.021 min
Response: 7520979
Conc: 54.58 ug/ml



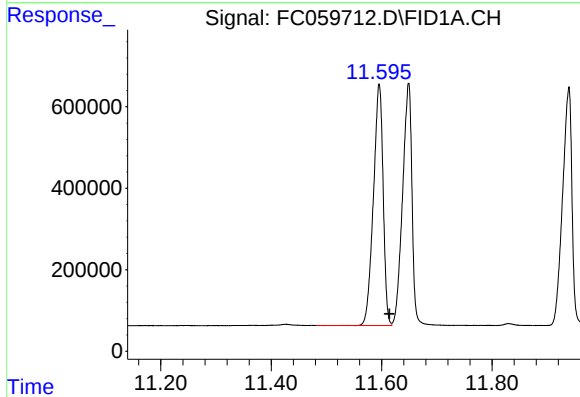
#9 ortho-Terphenyl (SURR)

R.T.: 10.659 min
Delta R.T.: -0.025 min
Response: 7095640
Conc: 48.32 ug/ml

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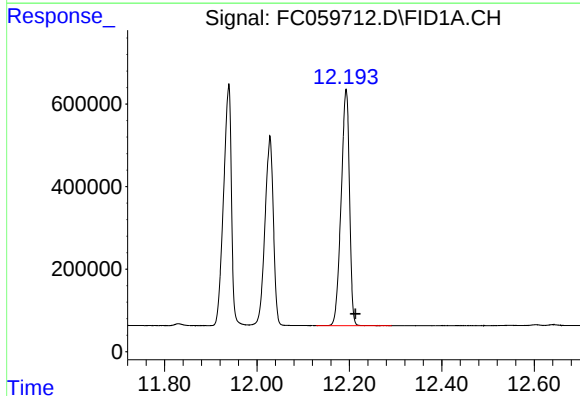
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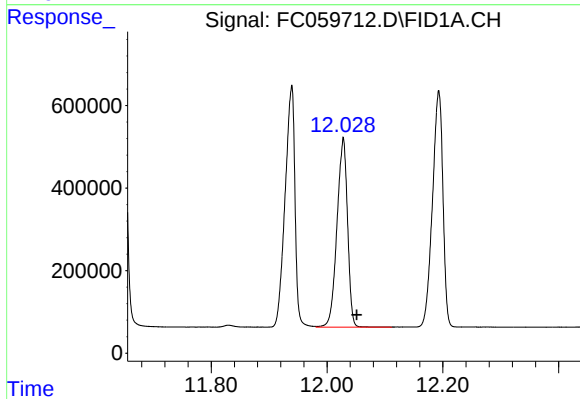
#10 n-Eicosane (C20)

R.T.: 11.595 min
Delta R.T.: -0.020 min
Response: 7253557
Conc: 53.93 ug/ml



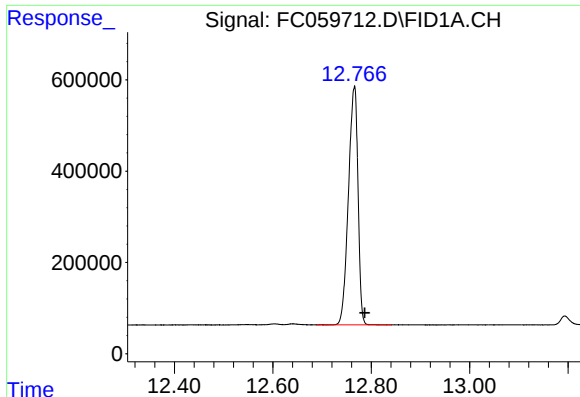
#11 n-Heneicosane (C21)

R.T.: 12.192 min
Delta R.T.: -0.021 min
Response: 7167902
Conc: 53.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.027 min
Delta R.T.: -0.024 min
Response: 5792649
Conc: 50.34 ug/ml



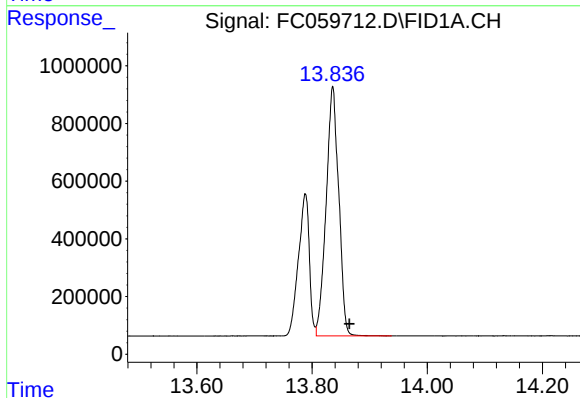
#13 n-Docosane (C22)

R.T.: 12.764 min
Delta R.T.: -0.022 min
Response: 7030789
Conc: 53.57 ug/ml

Instrument :
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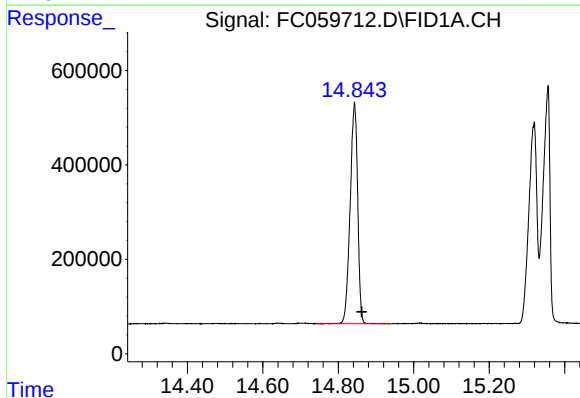
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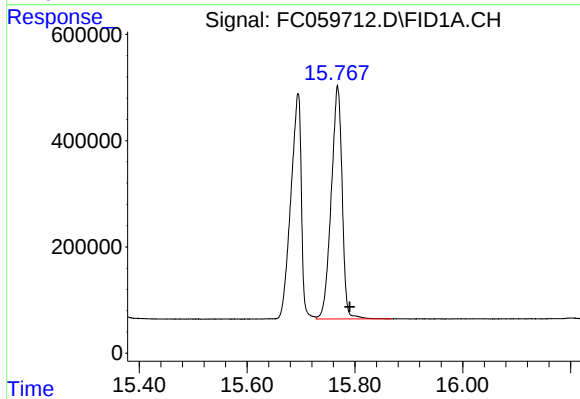
#14 n-Tetracosane (C24)

R.T.: 13.836 min
Delta R.T.: -0.029 min
Response: 13112959
Conc: 104.22 ug/ml



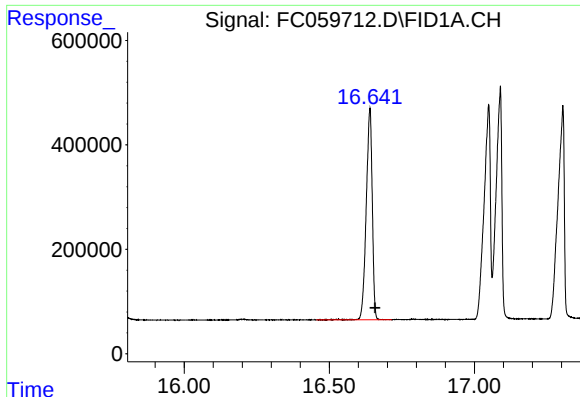
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: -0.021 min
Response: 6466296
Conc: 54.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.767 min
Delta R.T.: -0.023 min
Response: 6168586
Conc: 54.18 ug/ml



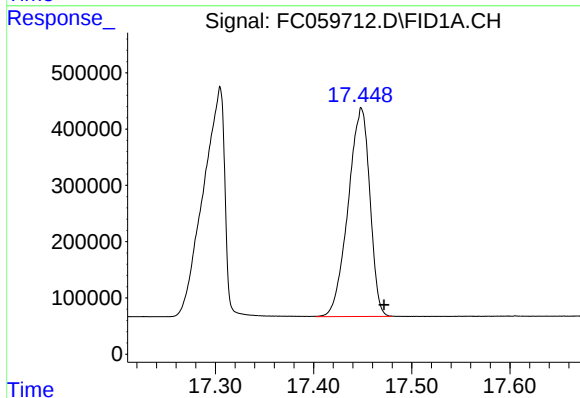
#17 n-Tricontane (C30)

R.T.: 16.639 min
Delta R.T.: -0.019 min
Response: 5821944
Conc: 52.96 ug/ml

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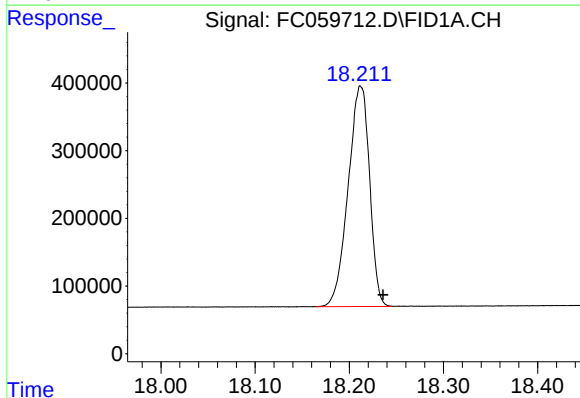
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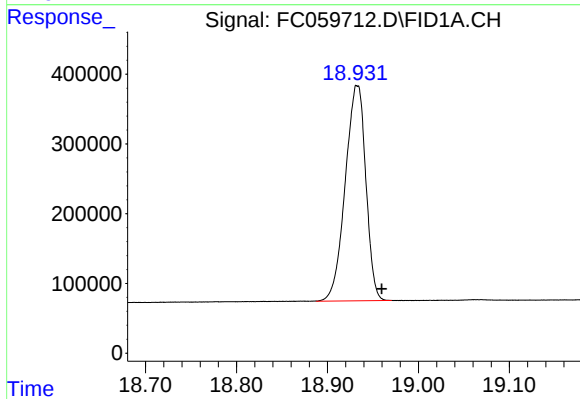
#18 n-Dotriacontane (C32)

R.T.: 17.448 min
Delta R.T.: -0.024 min
Response: 5696811
Conc: 55.10 ug/ml m



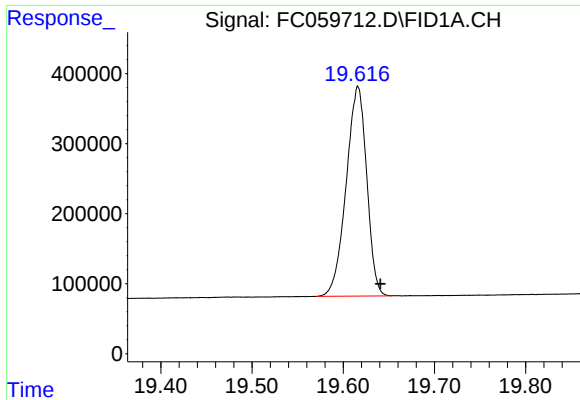
#19 n-Tetratriacontane (C34)

R.T.: 18.211 min
Delta R.T.: -0.025 min
Response: 5152833
Conc: 52.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.931 min
Delta R.T.: -0.029 min
Response: 4857518
Conc: 52.32 ug/ml m



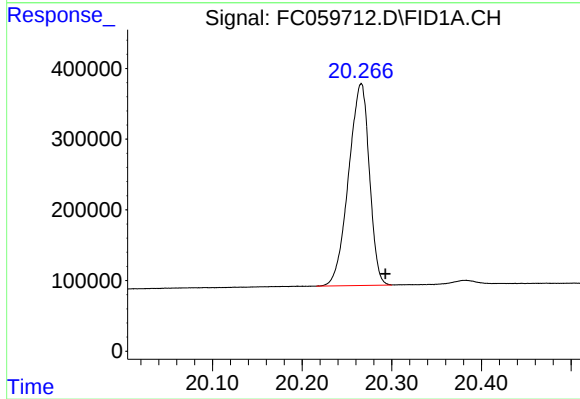
#21 n-Octatriacontane (C38)

R.T.: 19.616 min
Delta R.T.: -0.025 min
Response: 4690253
Conc: 49.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.266 min
Delta R.T.: -0.027 min
Response: 4600480
Conc: 48.60 ug/ml m