

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052822AL\
 Data File : FC059983.D
 Signal(s) : FID1A.CH
 Acq On : 28 May 2022 21:30
 Operator : UA/NP
 Sample : PB145182BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145182BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/31/2022
 Supervised By :Ankita Jodhani 05/31/2022

Integration File: sample.E
 Quant Time: May 30 01:29:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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	6813927	43.785 ug/ml
Spiked Amount 50.000		Recovery =	87.57%
12) S 1-chlorooctadecane (S...	12.023	5558690	44.832 ug/ml
Spiked Amount 50.000		Recovery =	89.66%
Target Compounds			
1) T n-Nonane (C9)	2.642	5330241	41.647 ug/ml
2) T n-Decane (C10)	3.633	5486963	42.890 ug/ml
3) T A~Naphthalene (C11.7)	5.162	6881030	47.606 ug/ml
4) T n-Dodecane (C12)	5.581	6238853	46.801 ug/ml
5) T A~2-methylnaphthalene...	6.187	7052224	48.050 ug/ml
6) T n-Tetradecane (C14)	7.336	6467555	47.376 ug/ml
7) T n-Hexadecane (C16)	8.898	6643764	47.351 ug/ml
8) T n-Octadecane (C18)	10.309	6985408	48.812 ug/ml
10) T n-Eicosane (C20)	11.589	6746452	47.287 ug/ml
11) T n-Heneicosane (C21)	12.187	6731580	46.963 ug/ml
13) T n-Docosane (C22)	12.760	6670347	46.810 ug/ml
14) T n-Tetracosane (C24)	13.835	12420253	88.507 ug/mlm
15) T n-Hexacosane (C26)	14.838	6279932	46.375 ug/ml
16) T n-Octacosane (C28)	15.764	6292155	48.314 ug/ml
17) T n-Tricontane (C30)	16.634	5559483	45.411 ug/ml
18) T n-Dotriacontane (C32)	17.444	5300298	47.538 ug/ml
19) T n-Tetratriacontane (C34)	18.209	4796309	47.025 ug/ml
20) T n-Hexatriacontane (C36)	18.934	4388314	46.340 ug/mlm
21) T n-Octatriacontane (C38)	19.615	4122626	44.684 ug/mlm
22) T n-Tetracontane (C40)	20.264	4069667	43.255 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB145182BSD
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ALS Vial : 16 Sample Multiplier: 1

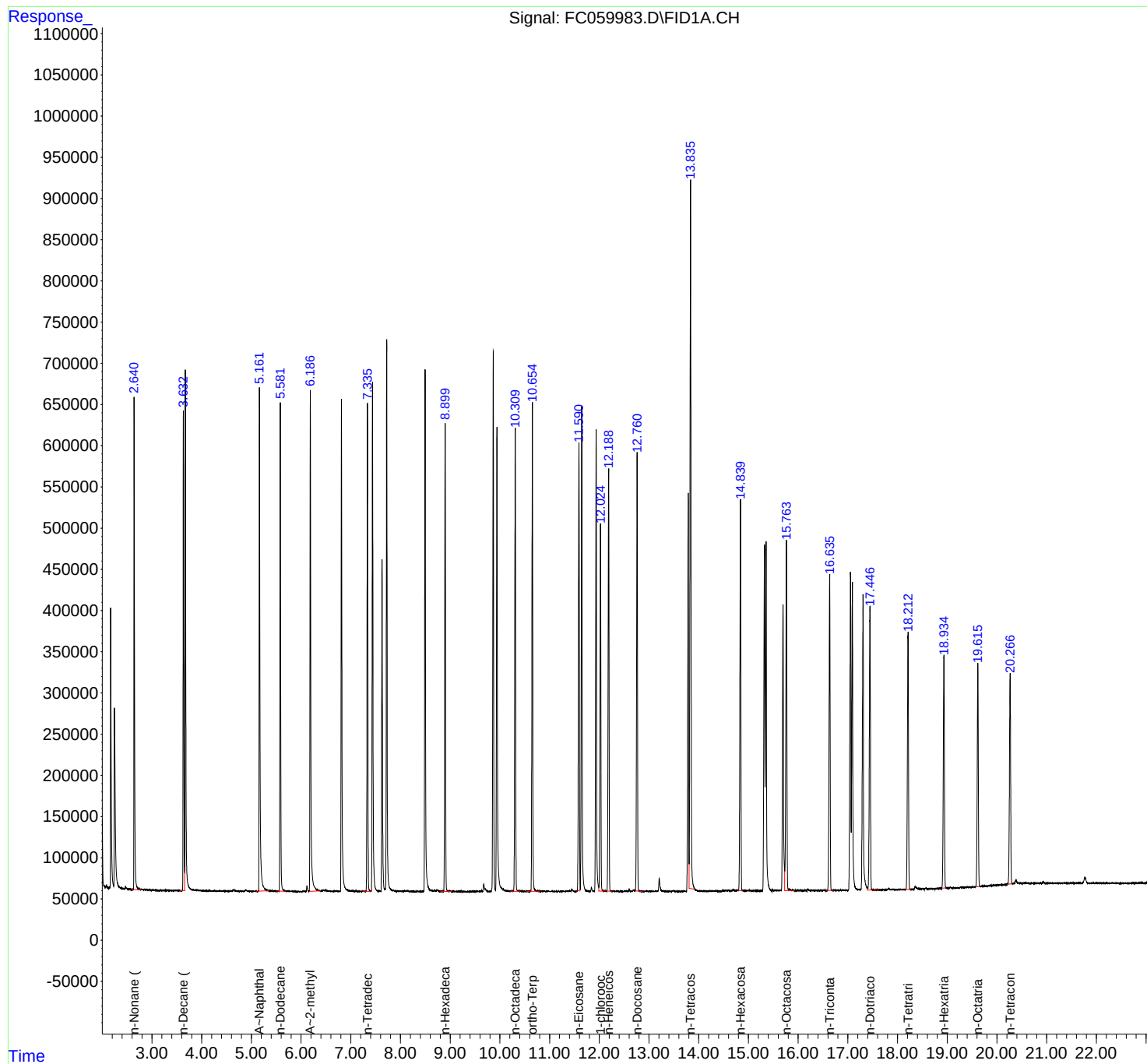
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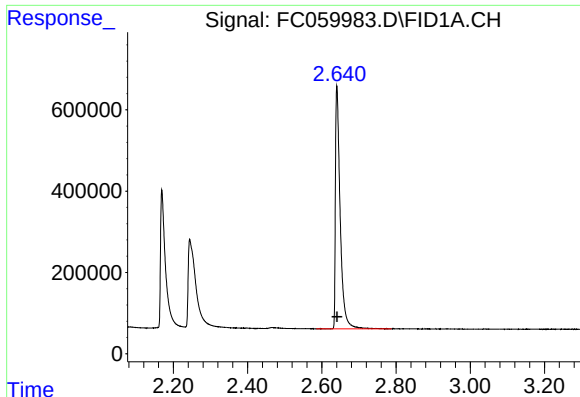
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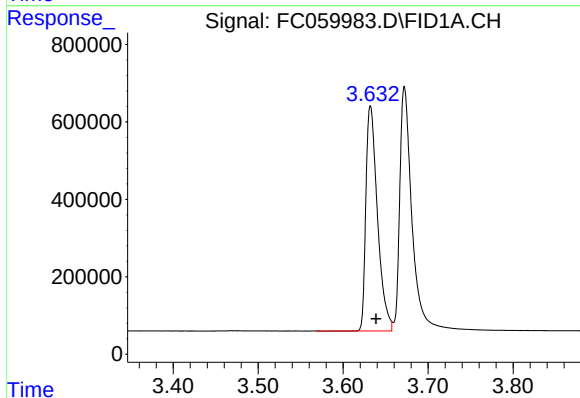
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.001 min
Response: 5330241
Conc: 41.65 ug/ml

Instrument :
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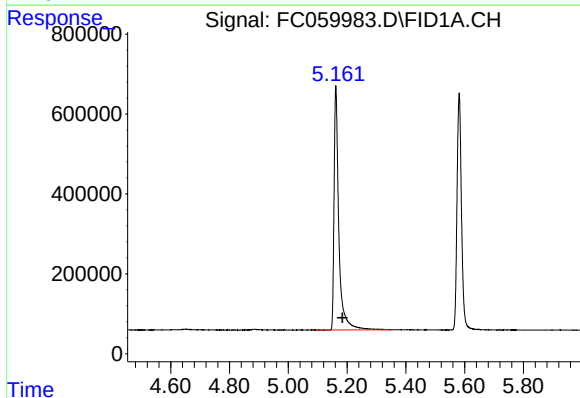
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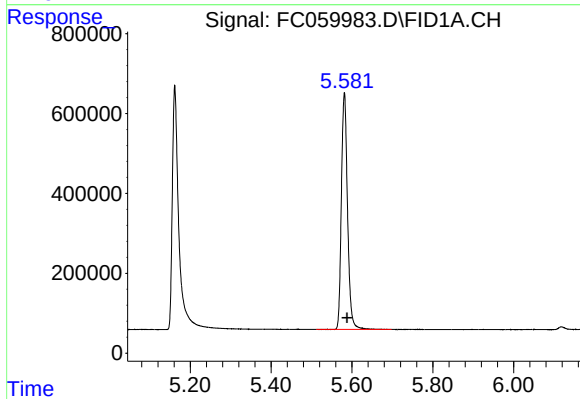
#2 n-Decane (C10)

R.T.: 3.633 min
Delta R.T.: -0.006 min
Response: 5486963
Conc: 42.89 ug/ml



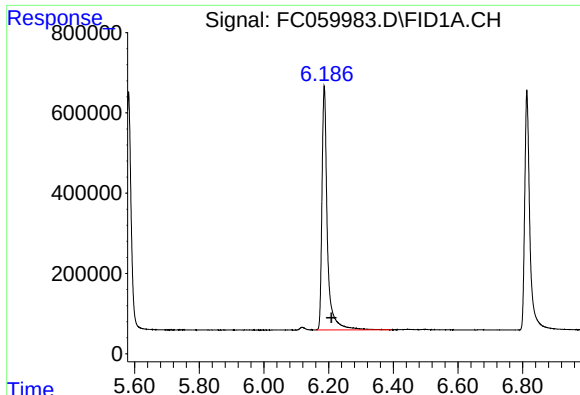
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 6881030
Conc: 47.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 6238853
Conc: 46.80 ug/ml



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

R.T.: 6.187 min
Delta R.T.: -0.022 min
Response: 7052224
Conc: 48.05 ug/ml

Instrument :

FID_C

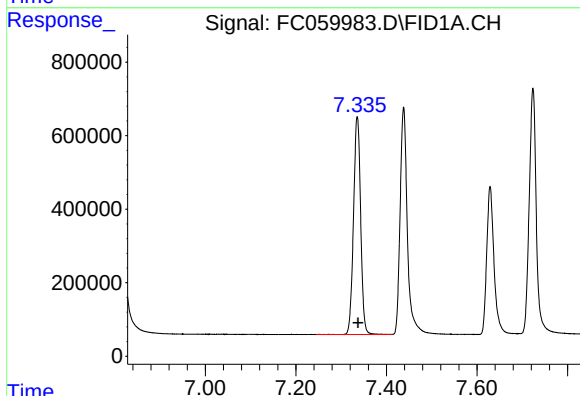
ClientSampleId :

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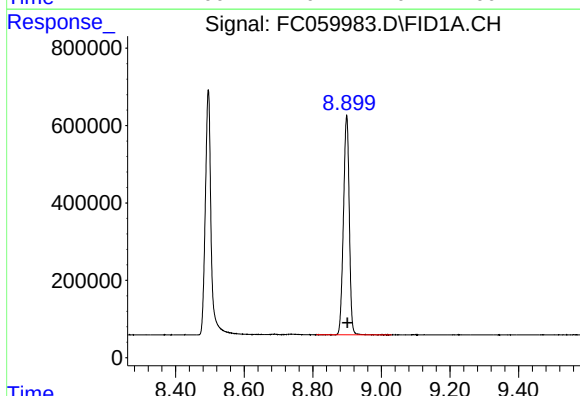
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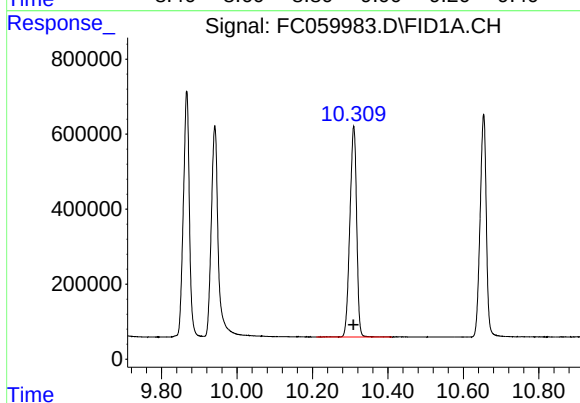
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 6467555
Conc: 47.38 ug/ml



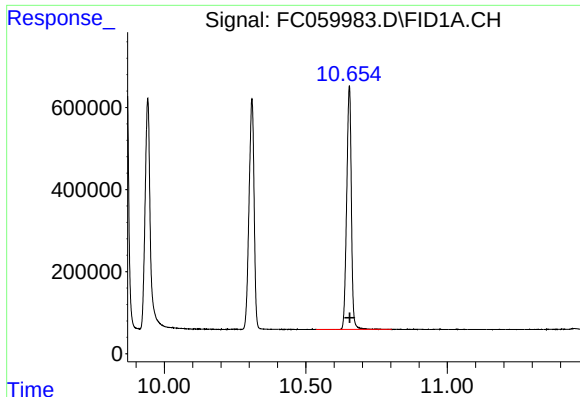
#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: -0.003 min
Response: 6643764
Conc: 47.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 6985408
Conc: 48.81 ug/ml



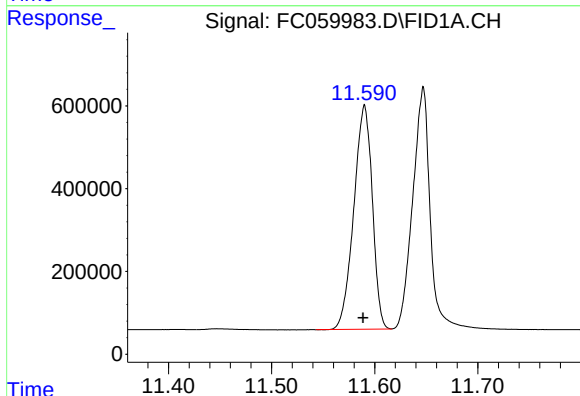
#9 ortho-Terphenyl (SURR)

R.T.: 10.653 min
Delta R.T.: -0.003 min
Response: 6813927
Conc: 43.78 ug/ml

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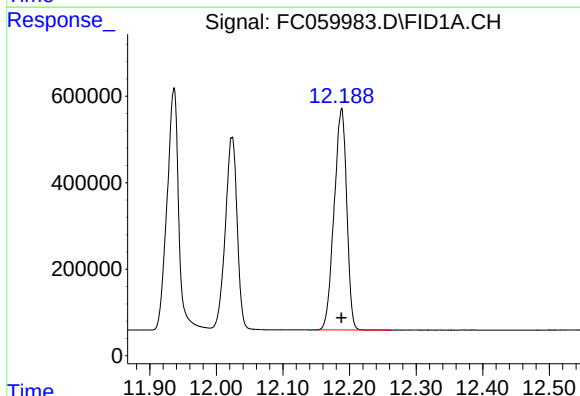
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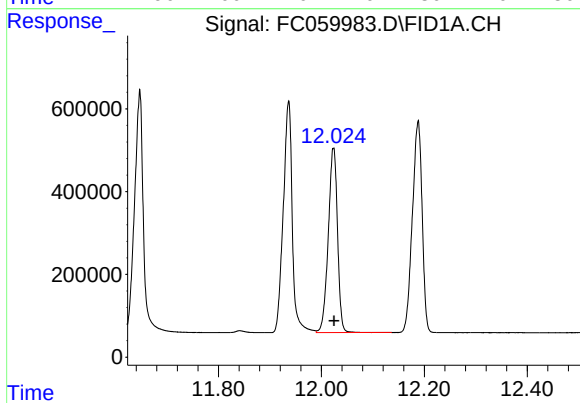
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 6746452
Conc: 47.29 ug/ml



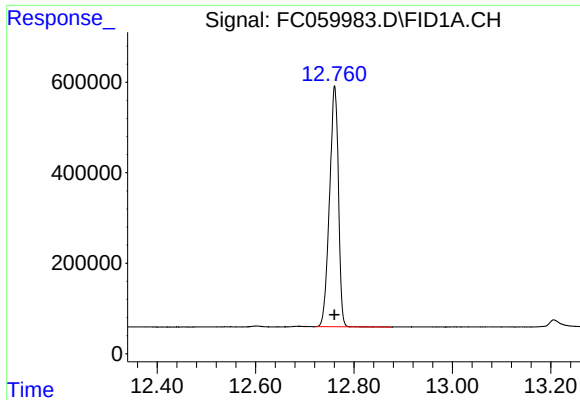
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: 0.000 min
Response: 6731580
Conc: 46.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.023 min
Delta R.T.: -0.002 min
Response: 5558690
Conc: 44.83 ug/ml



#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 6670347
Conc: 46.81 ug/ml

Instrument :

FID_C

ClientSampleId :

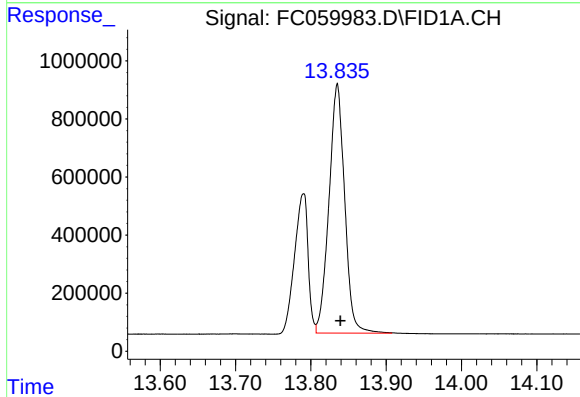
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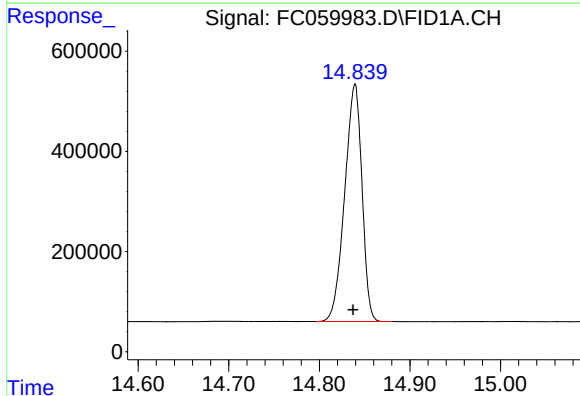
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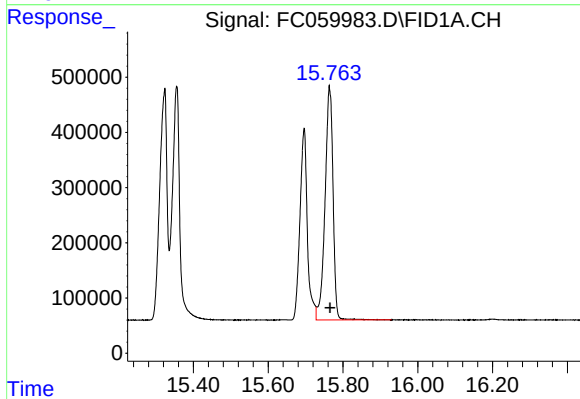
#14 n-Tetracosane (C24)

R.T.: 13.835 min
Delta R.T.: -0.004 min
Response: 12420253
Conc: 88.51 ug/ml m



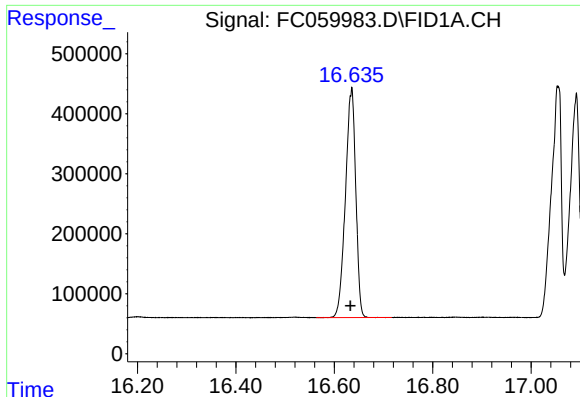
#15 n-Hexacosane (C26)

R.T.: 14.838 min
Delta R.T.: 0.000 min
Response: 6279932
Conc: 46.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.764 min
Delta R.T.: -0.002 min
Response: 6292155
Conc: 48.31 ug/ml



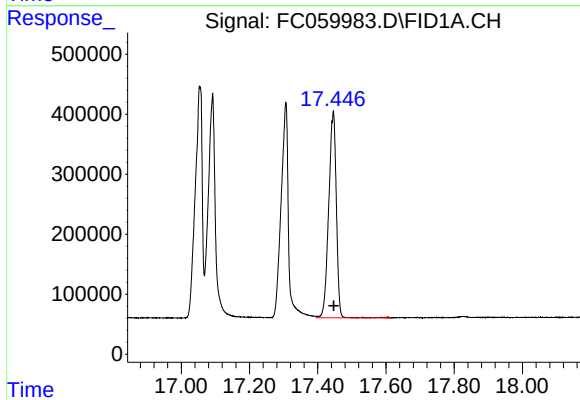
#17 n-Tricontane (C30)

R.T.: 16.634 min
Delta R.T.: 0.001 min
Response: 5559483
Conc: 45.41 ug/ml

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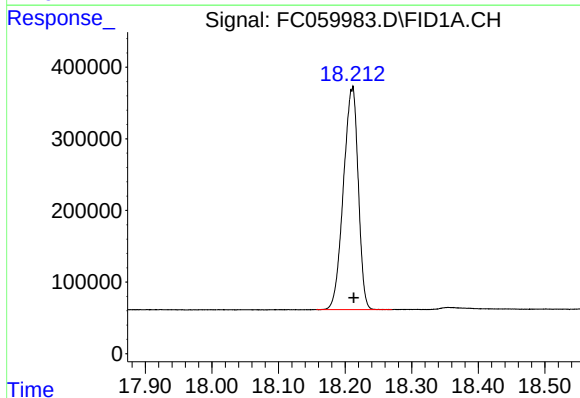
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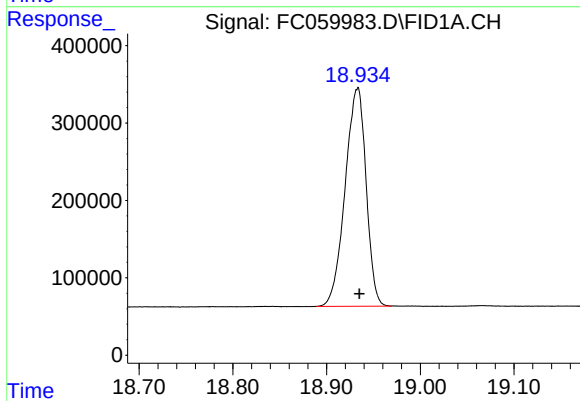
#18 n-Dotriacontane (C32)

R.T.: 17.444 min
Delta R.T.: -0.003 min
Response: 5300298
Conc: 47.54 ug/ml



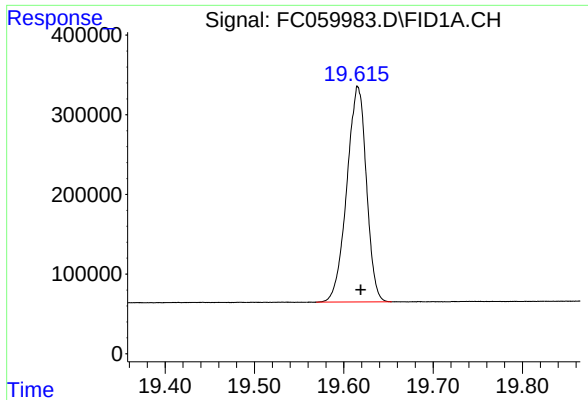
#19 n-Tetratriacontane (C34)

R.T.: 18.209 min
Delta R.T.: -0.004 min
Response: 4796309
Conc: 47.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.934 min
Delta R.T.: -0.001 min
Response: 4388314
Conc: 46.34 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.615 min
Delta R.T.: -0.004 min
Response: 4122626
Conc: 44.68 ug/ml

Instrument :

FID_C

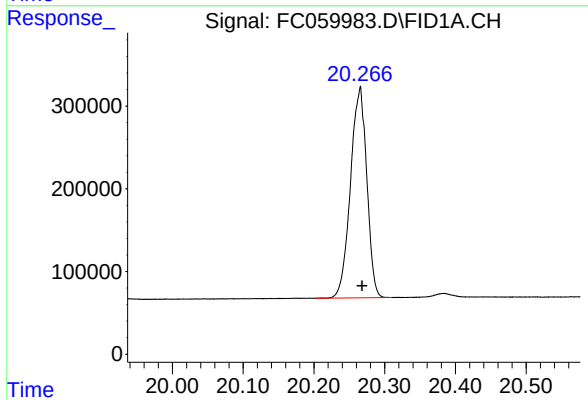
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#22 n-Tetracontane (C40)

R.T.: 20.264 min
Delta R.T.: -0.004 min
Response: 4069667
Conc: 43.25 ug/ml