

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059923.D
 Signal(s) : FID1A.CH
 Acq On : 25 May 2022 21:32
 Operator : UA/NP
 Sample : N3028-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1-1-5FTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/26/2022
 Supervised By :Ankita Jodhani 05/26/2022

Integration File: sample.E
 Quant Time: May 26 00:45:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:57:57 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)	10.640	4822137	30.654 ug/ml
Spiked Amount 50.000		Recovery =	61.31%
12) S 1-chlorooctadecane (S...	12.009	3923884	31.101 ug/ml
Spiked Amount 50.000		Recovery =	62.20%
Target Compounds			
1) T n-Nonane (C9)	2.625	4159349	31.728 ug/ml
2) T n-Decane (C10)	3.621	4547764	35.059 ug/ml
3) T A~Naphthalene (C11.7)	5.153	5762211	39.435 ug/ml
4) T n-Dodecane (C12)	5.572	5139156	38.304 ug/ml
5) T A~2-methylnaphthalene...	6.177	5863121	39.060 ug/ml
6) T n-Tetradecane (C14)	7.325	5513916	40.390 ug/ml
7) T n-Hexadecane (C16)	8.887	5971313	42.437 ug/ml
8) T n-Octadecane (C18)	10.297	6484907	45.056 ug/ml
10) T n-Eicosane (C20)	11.576	6359335	44.019 ug/ml
11) T n-Heneicosane (C21)	12.175	6330249	43.650 ug/ml
13) T n-Docosane (C22)	12.747	6307345	43.232 ug/ml
14) T n-Tetracosane (C24)	13.821	12359326	84.646 ug/ml
15) T n-Hexacosane (C26)	14.824	6080736	42.316 ug/ml
16) T n-Octacosane (C28)	15.749	5885852	41.989 ug/ml
17) T n-Tricontane (C30)	16.617	5459457	40.866 ug/ml
18) T n-Dotriacontane (C32)	17.427	5117381	41.987 ug/ml
19) T n-Tetratriacontane (C34)	18.191	4601951	43.282 ug/mlm
20) T n-Hexatriacontane (C36)	18.912	4186507	43.569 ug/ml
21) T n-Octatriacontane (C38)	19.597	3905611	42.364 ug/ml
22) T n-Tetracontane (C40)	20.247	4064846	42.447 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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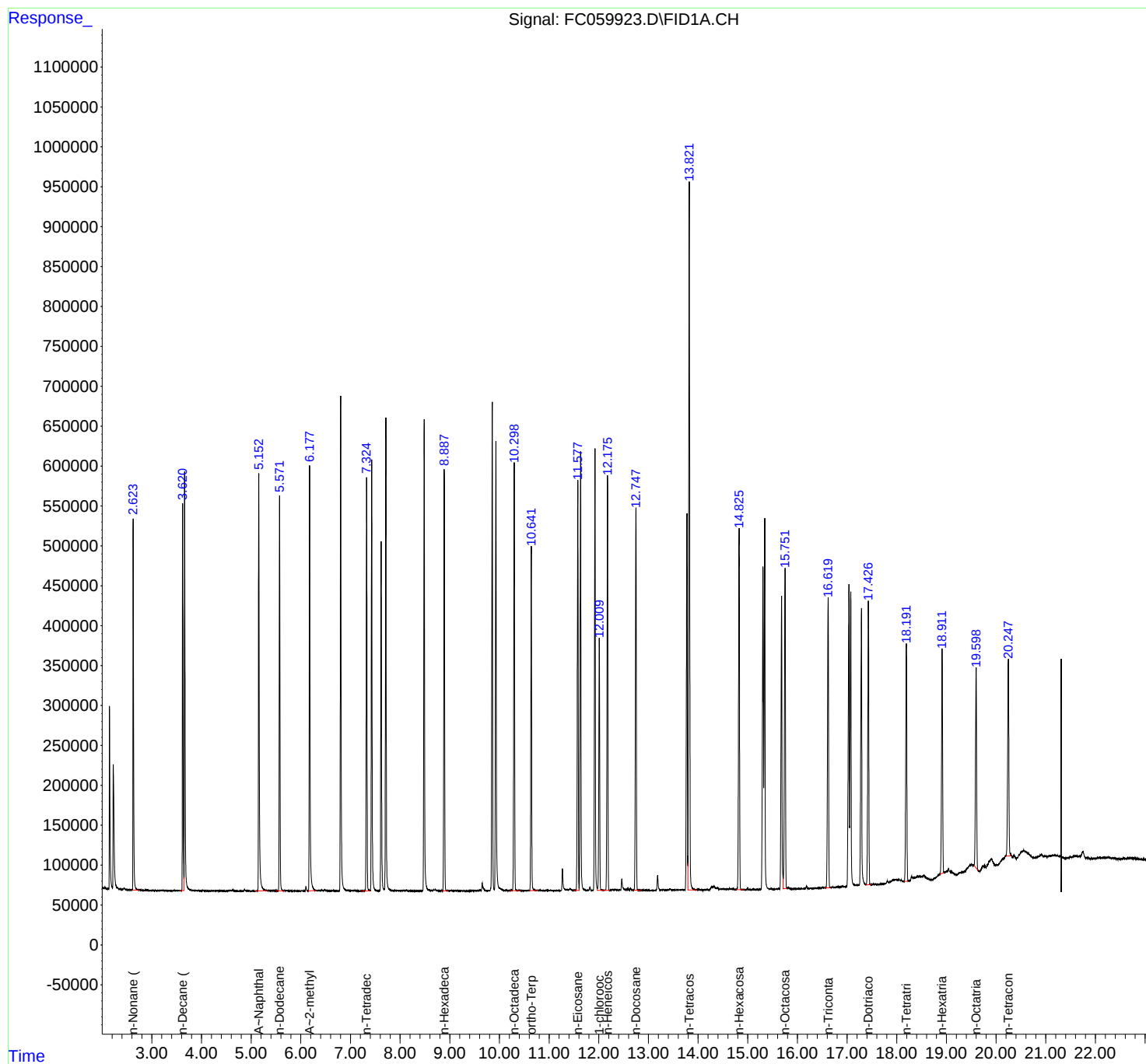
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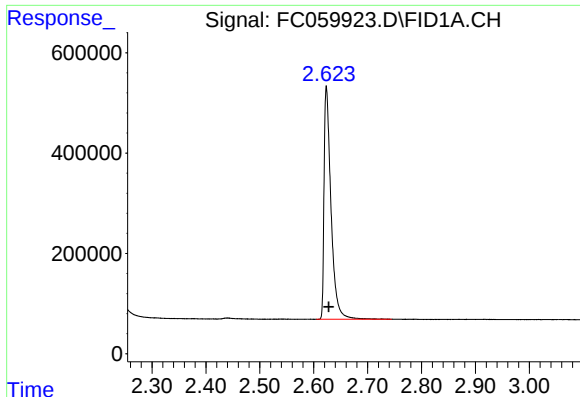
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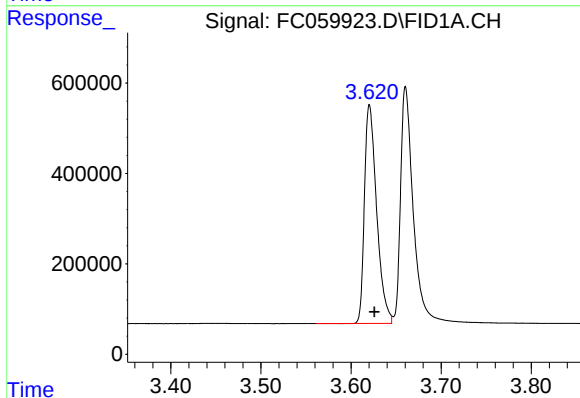
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.003 min
Response: 4159349
Conc: 31.73 ug/ml

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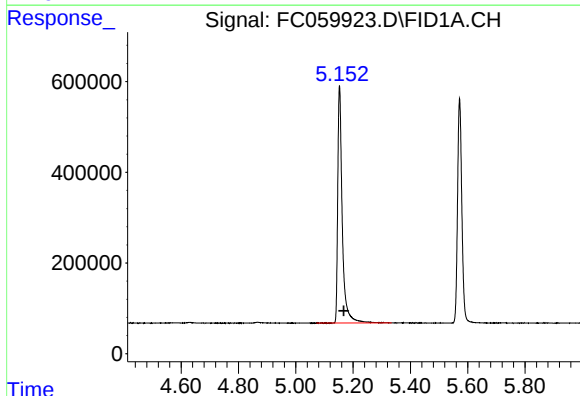
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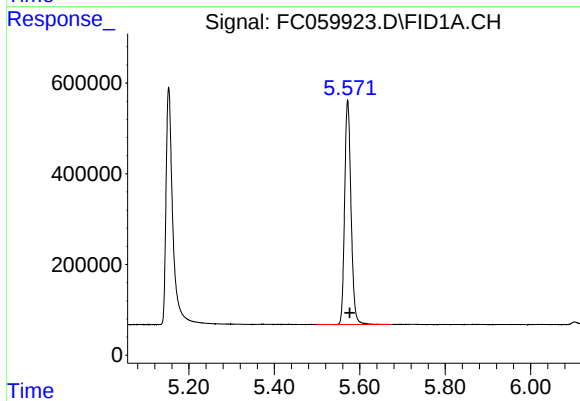
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.005 min
Response: 4547764
Conc: 35.06 ug/ml



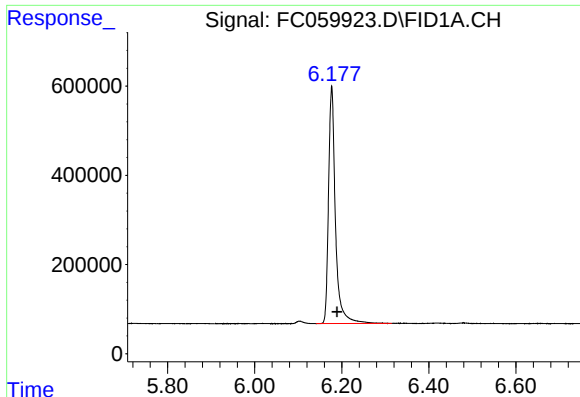
#3 A~Naphthalene (C11.7)

R.T.: 5.153 min
Delta R.T.: -0.015 min
Response: 5762211
Conc: 39.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.572 min
Delta R.T.: -0.005 min
Response: 5139156
Conc: 38.30 ug/ml



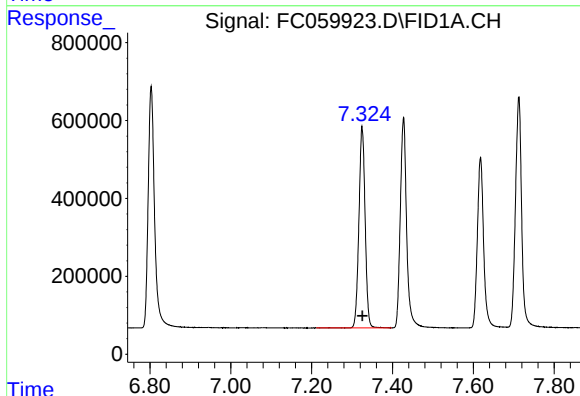
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 5863121
Conc: 39.06 ug/ml

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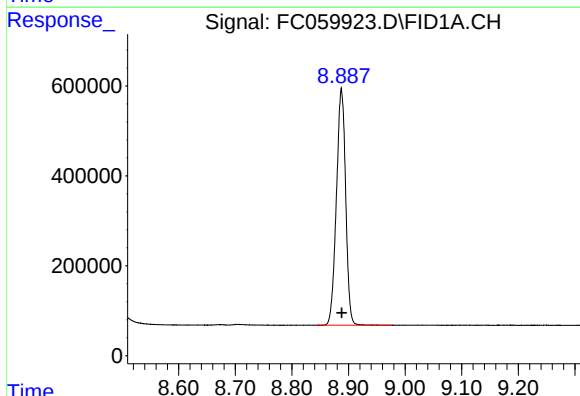
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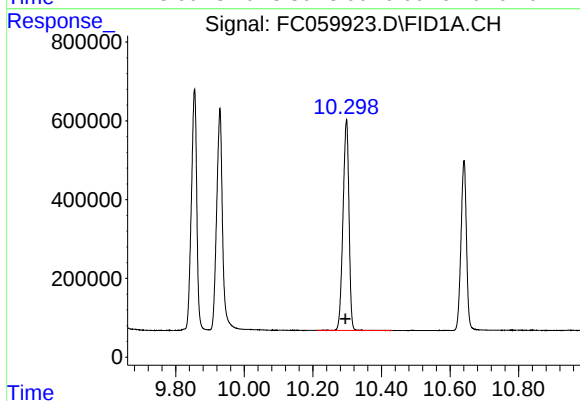
#6 n-Tetradecane (C14)

R.T.: 7.325 min
Delta R.T.: -0.001 min
Response: 5513916
Conc: 40.39 ug/ml



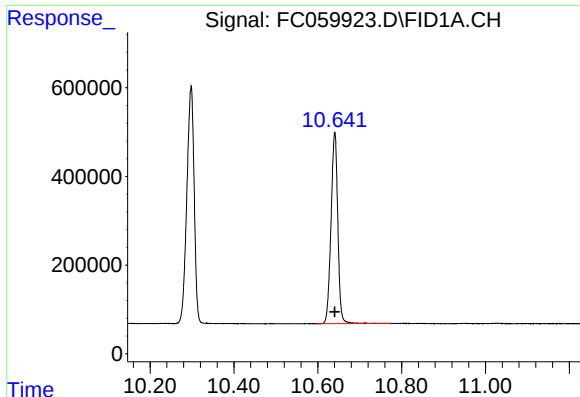
#7 n-Hexadecane (C16)

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 5971313
Conc: 42.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.297 min
Delta R.T.: 0.002 min
Response: 6484907
Conc: 45.06 ug/ml



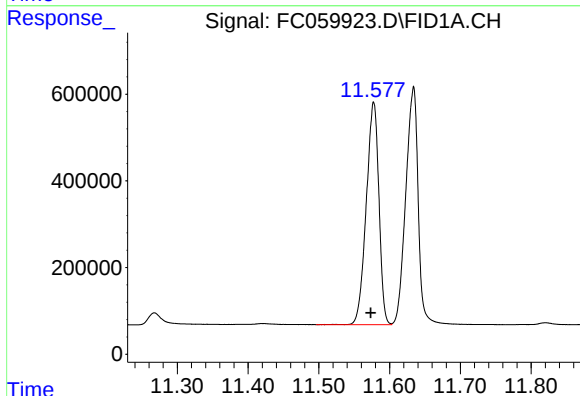
#9 ortho-Terphenyl (SURR)

R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 4822137
Conc: 30.65 ug/ml

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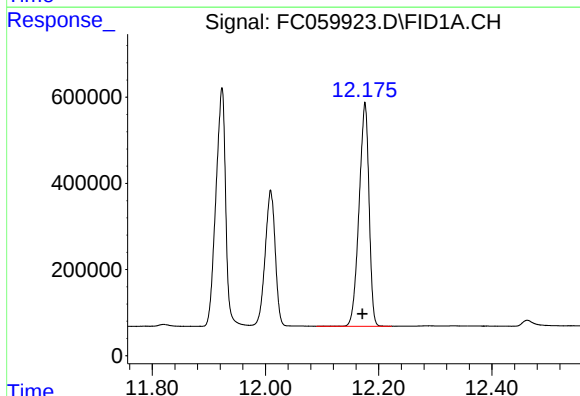
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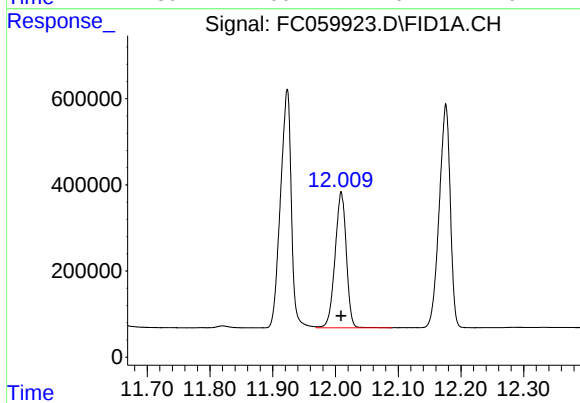
#10 n-Eicosane (C20)

R.T.: 11.576 min
Delta R.T.: 0.003 min
Response: 6359335
Conc: 44.02 ug/ml



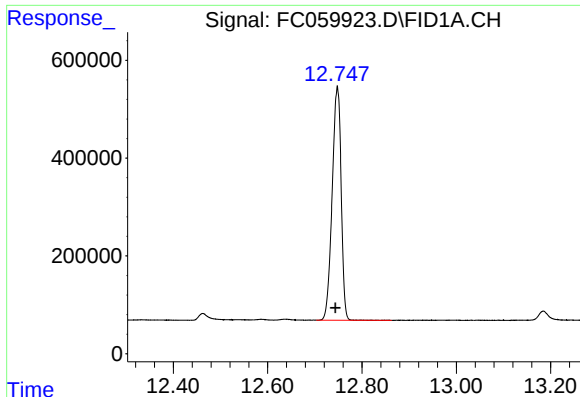
#11 n-Heneicosane (C21)

R.T.: 12.175 min
Delta R.T.: 0.004 min
Response: 6330249
Conc: 43.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.009 min
Delta R.T.: 0.000 min
Response: 3923884
Conc: 31.10 ug/ml



#13 n-Docosane (C22)

R.T.: 12.747 min
Delta R.T.: 0.004 min
Response: 6307345
Conc: 43.23 ug/ml

Instrument :

FID_C

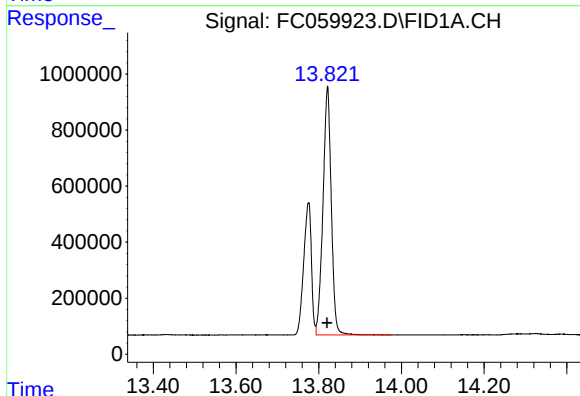
ClientSampleId :

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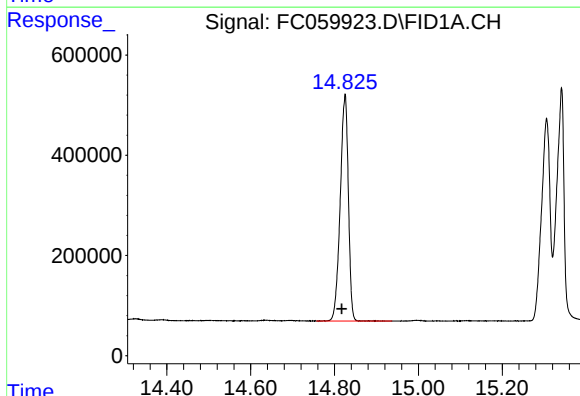
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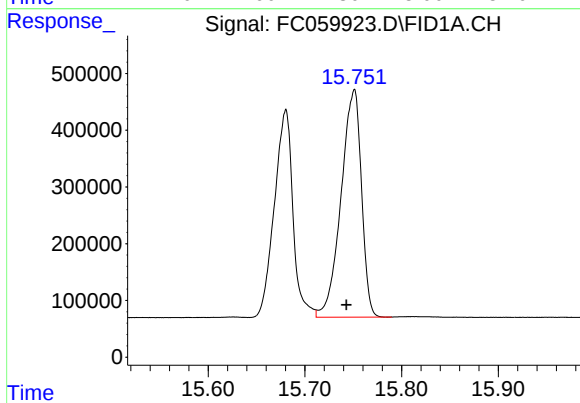
#14 n-Tetracosane (C24)

R.T.: 13.821 min
Delta R.T.: 0.000 min
Response: 12359326
Conc: 84.65 ug/ml



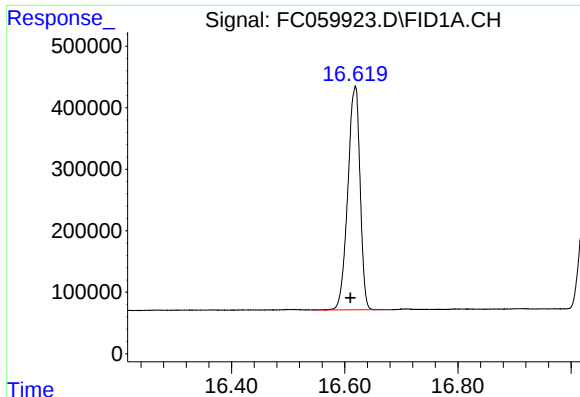
#15 n-Hexacosane (C26)

R.T.: 14.824 min
Delta R.T.: 0.006 min
Response: 6080736
Conc: 42.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.749 min
Delta R.T.: 0.006 min
Response: 5885852
Conc: 41.99 ug/ml



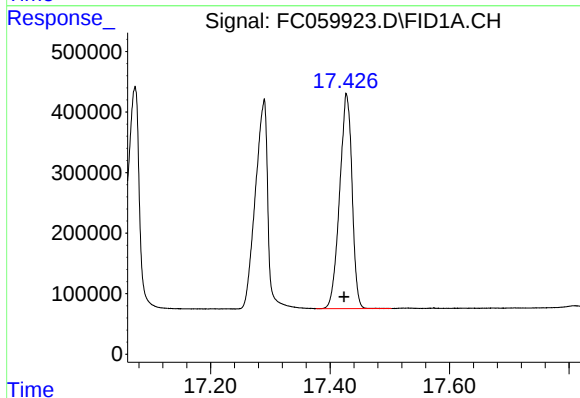
#17 n-Tricontane (C30)

R.T.: 16.617 min
Delta R.T.: 0.007 min
Response: 5459457
Conc: 40.87 ug/ml

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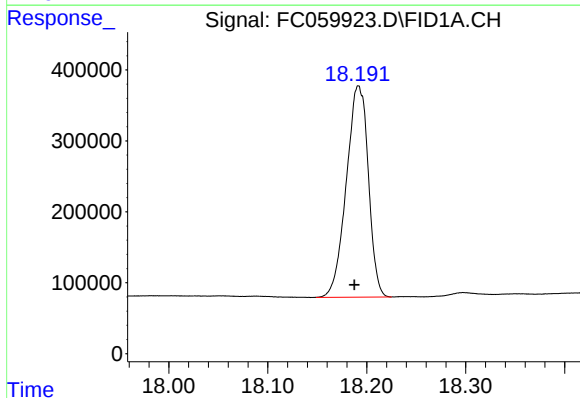
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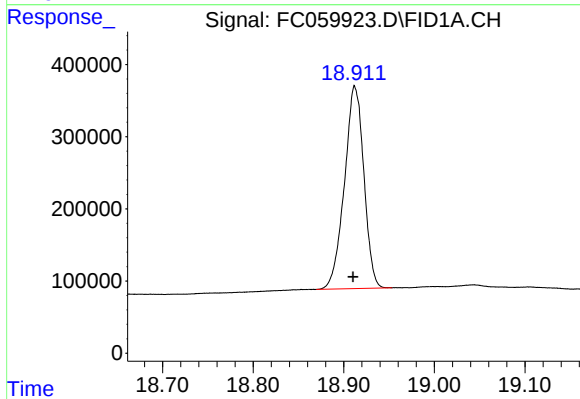
#18 n-Dotriacontane (C32)

R.T.: 17.427 min
Delta R.T.: 0.004 min
Response: 5117381
Conc: 41.99 ug/ml



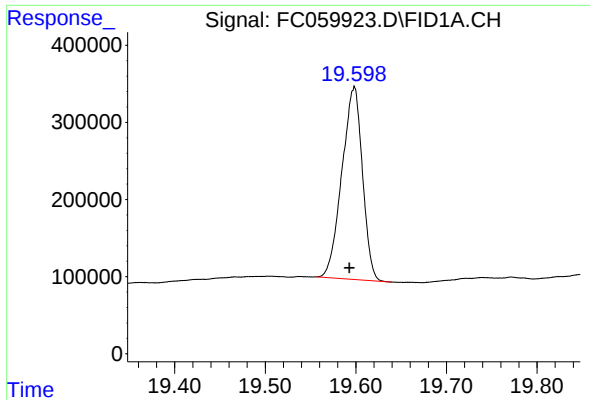
#19 n-Tetratriacontane (C34)

R.T.: 18.191 min
Delta R.T.: 0.003 min
Response: 4601951
Conc: 43.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.912 min
Delta R.T.: 0.002 min
Response: 4186507
Conc: 43.57 ug/ml



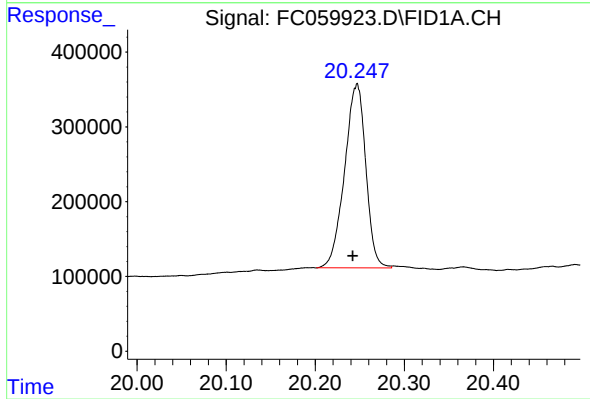
#21 n-Octatriacontane (C38)

R.T.: 19.597 min
Delta R.T.: 0.004 min
Response: 3905611
Conc: 42.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.247 min
Delta R.T.: 0.005 min
Response: 4064846
Conc: 42.45 ug/ml m