

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058961.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2022 3:12
 Operator : UA/NP
 Sample : PB143710BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143710BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 03:45:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.096	6231341	43.248 ug/ml
Spiked Amount 50.000		Recovery =	86.50%
12) S 1-chlorooctadecane (S...	12.543	5034055	44.909 ug/ml
Spiked Amount 50.000		Recovery =	89.82%
Target Compounds			
1) T n-Nonane (C9)	2.966	4872498	39.761 ug/ml
2) T n-Decane (C10)	4.002	4951578	40.406 ug/ml
3) T A~Naphthalene (C11.7)	5.542	5786869	46.091 ug/ml
4) T n-Dodecane (C12)	5.996	5592672	43.786 ug/ml
5) T A~2-methylnaphthalene...	6.591	5826581	45.450 ug/ml
6) T n-Tetradecane (C14)	7.781	5814752	44.721 ug/ml
7) T n-Hexadecane (C16)	9.372	5874357	44.237 ug/ml
8) T n-Octadecane (C18)	10.806	6049198	45.498 ug/ml
10) T n-Eicosane (C20)	12.109	5649283	43.116 ug/mlm
11) T n-Heneicosane (C21)	12.715	5811809	44.542 ug/ml
13) T n-Docosane (C22)	13.299	5764893	44.501 ug/ml
14) T n-Tetracosane (C24)	14.396	6273332	49.661 ug/ml
15) T n-Hexacosane (C26)	15.414	5423763	44.902 ug/ml
16) T n-Octacosane (C28)	16.357	5401670	45.618 ug/ml
17) T n-Tricontane (C30)	17.242	5057510	44.334 ug/ml
18) T n-Dotriacontane (C32)	18.070	4956822	46.269 ug/ml
19) T n-Tetratriacontane (C34)	18.850	4903447	48.531 ug/ml
20) T n-Hexatriacontane (C36)	19.587	4835472	50.608 ug/ml
21) T n-Octatriacontane (C38)	20.285	4805447	52.222 ug/mlm
22) T n-Tetracontane (C40)	21.028	4886572	52.578 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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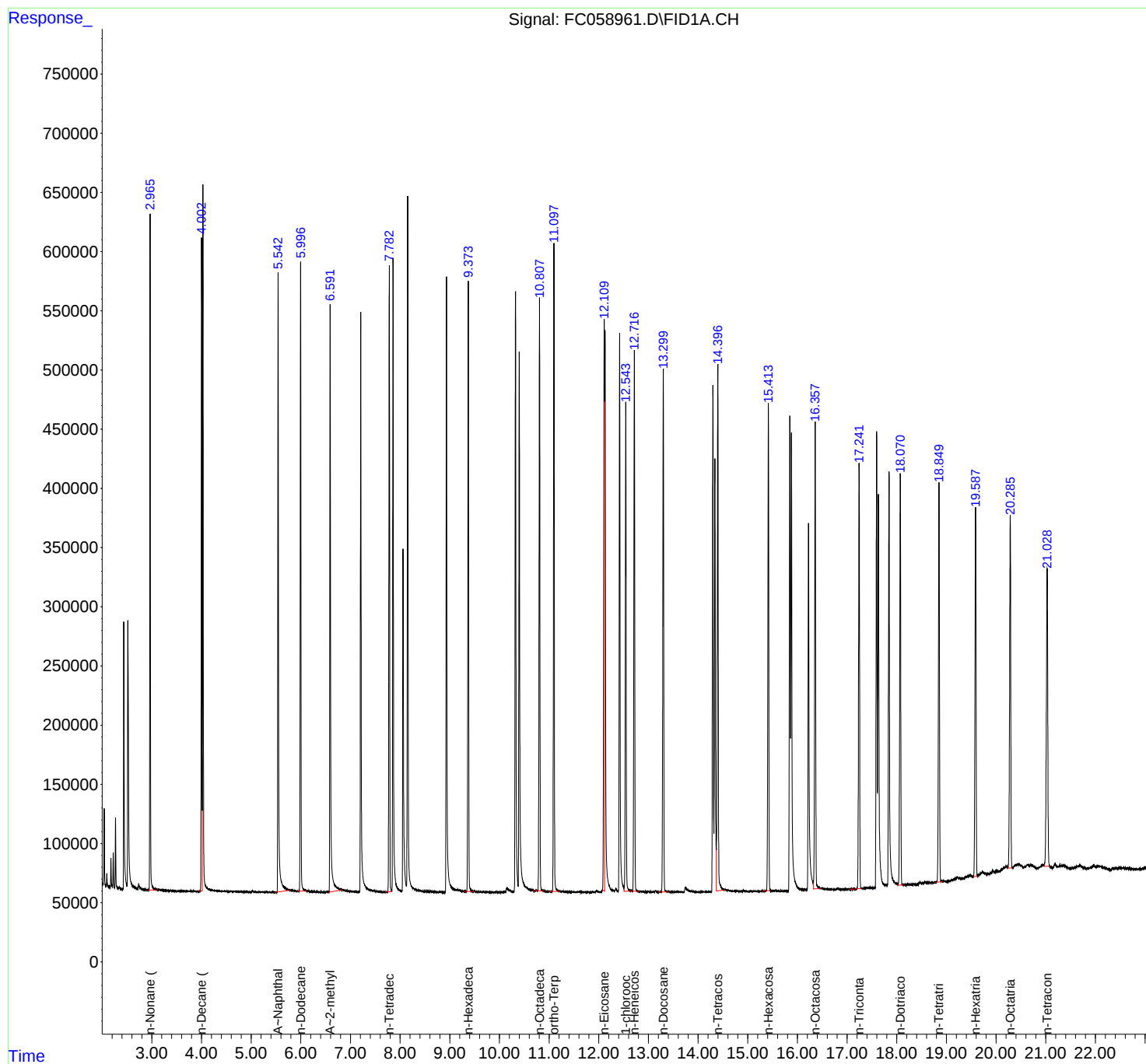
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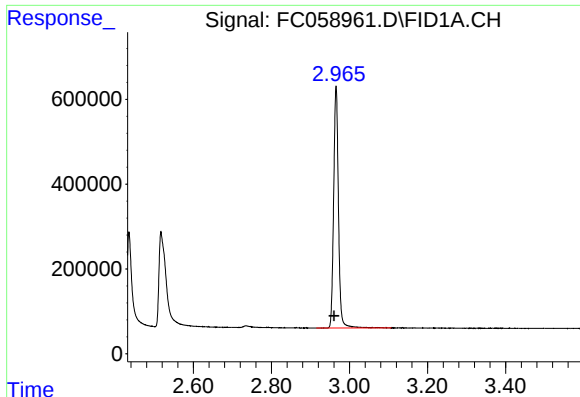
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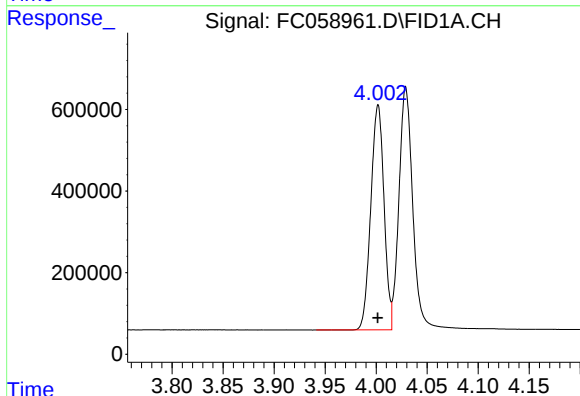
#1 n-Nonane (C9)

R.T.: 2.966 min
Delta R.T.: 0.005 min
Response: 4872498
Conc: 39.76 ug/ml

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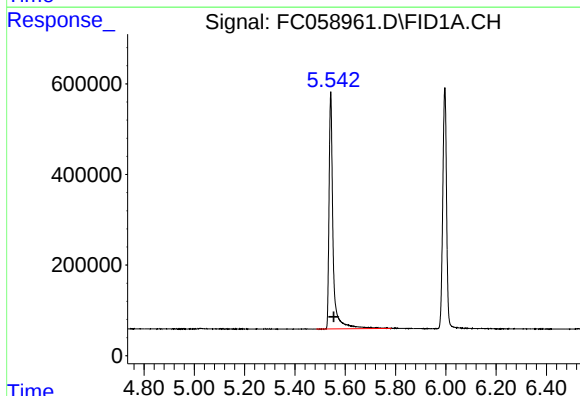
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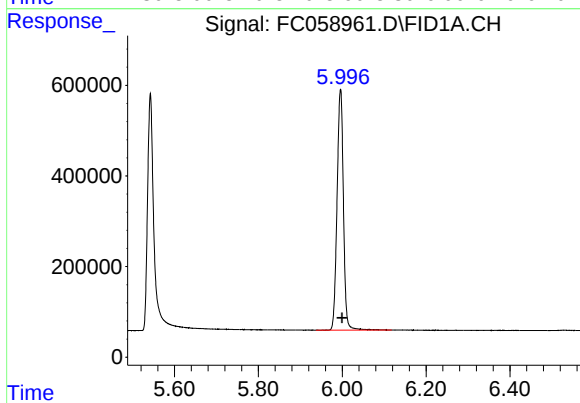
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 4951578
Conc: 40.41 ug/ml



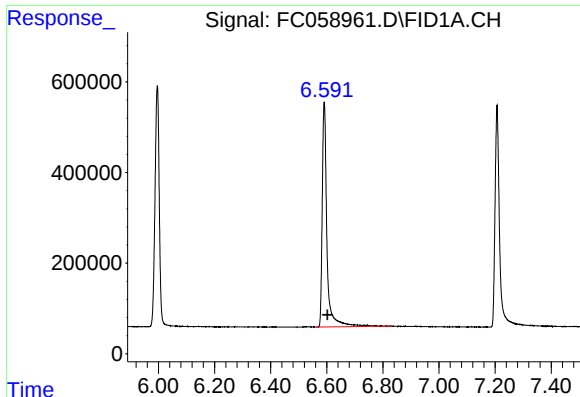
#3 A~Naphthalene (C11.7)

R.T.: 5.542 min
Delta R.T.: -0.013 min
Response: 5786869
Conc: 46.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.996 min
Delta R.T.: -0.004 min
Response: 5592672
Conc: 43.79 ug/ml



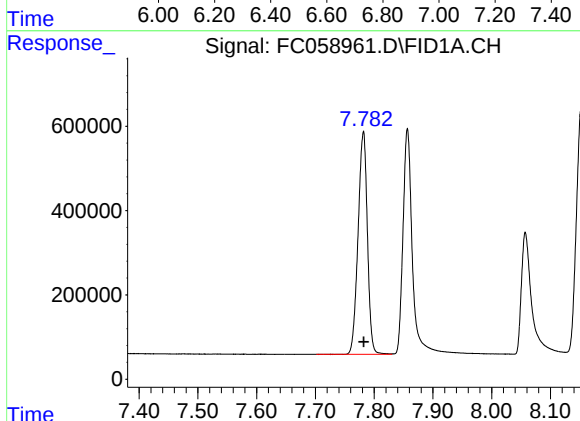
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 5826581
Conc: 45.45 ug/ml

Instrument :
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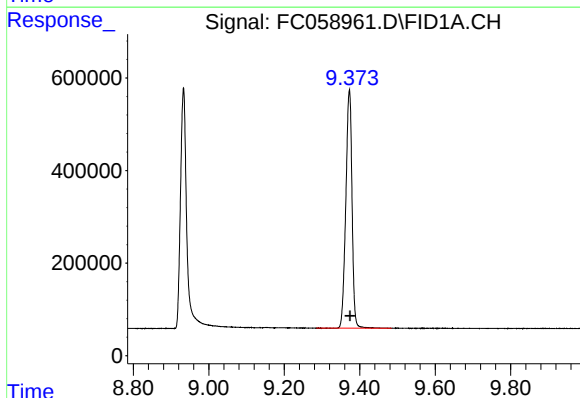
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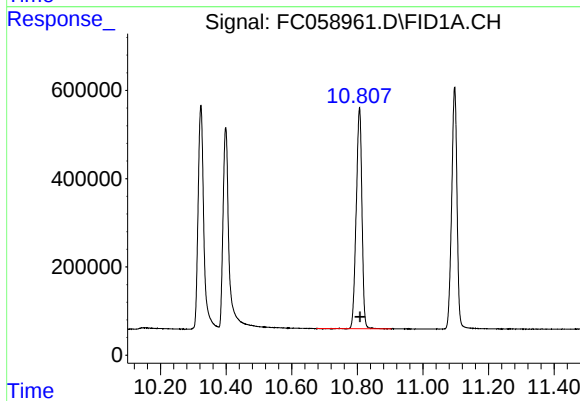
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.001 min
Response: 5814752
Conc: 44.72 ug/ml



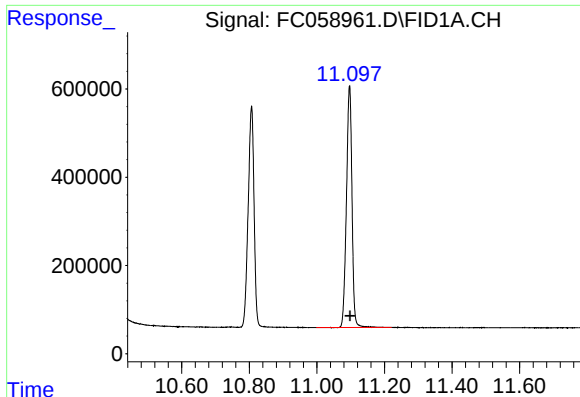
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: -0.003 min
Response: 5874357
Conc: 44.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: -0.003 min
Response: 6049198
Conc: 45.50 ug/ml



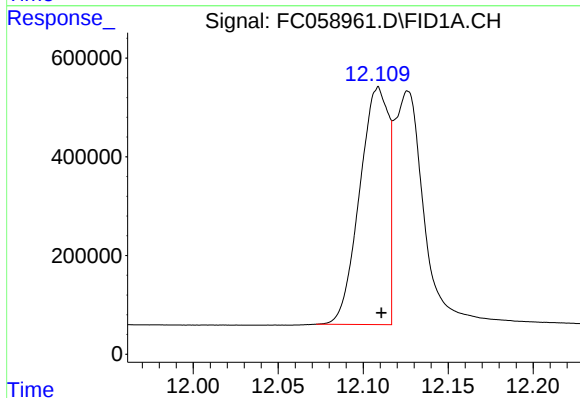
#9 ortho-Terphenyl (SURR)

R.T.: 11.096 min
Delta R.T.: -0.003 min
Response: 6231341
Conc: 43.25 ug/ml

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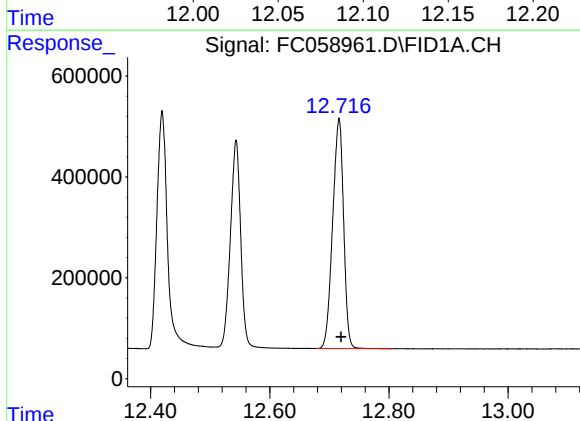
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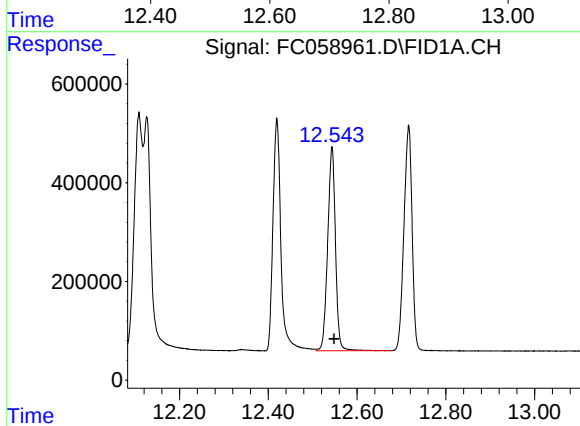
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: -0.002 min
Response: 5649283
Conc: 43.12 ug/ml m



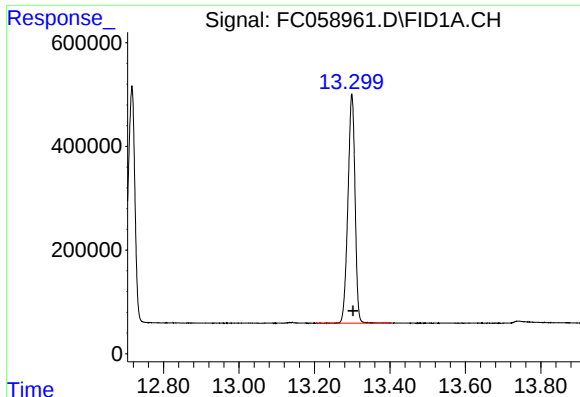
#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: -0.004 min
Response: 5811809
Conc: 44.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.543 min
Delta R.T.: -0.005 min
Response: 5034055
Conc: 44.91 ug/ml



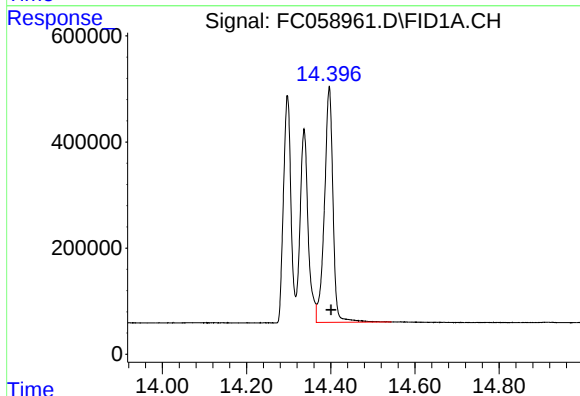
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: -0.004 min
Response: 5764893
Conc: 44.50 ug/ml

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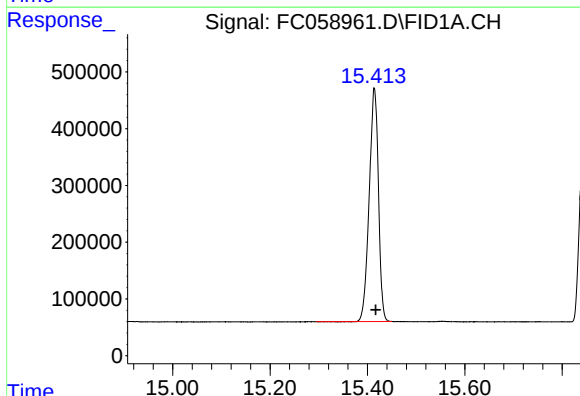
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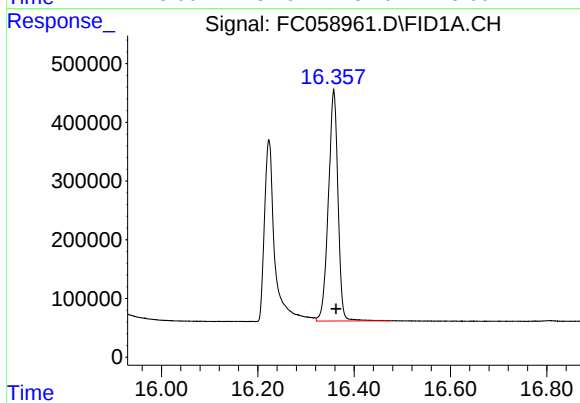
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 6273332
Conc: 49.66 ug/ml



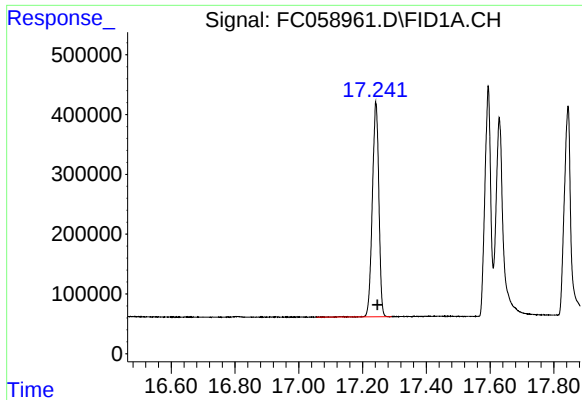
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: -0.003 min
Response: 5423763
Conc: 44.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: -0.005 min
Response: 5401670
Conc: 45.62 ug/ml



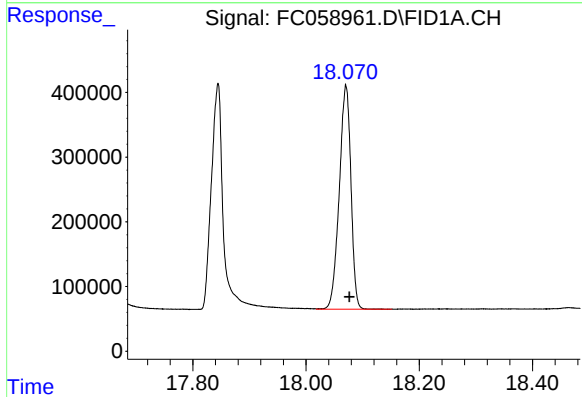
#17 n-Tricontane (C30)

R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 5057510
Conc: 44.33 ug/ml

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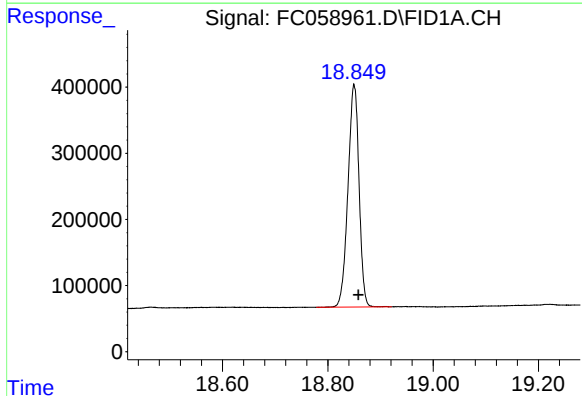
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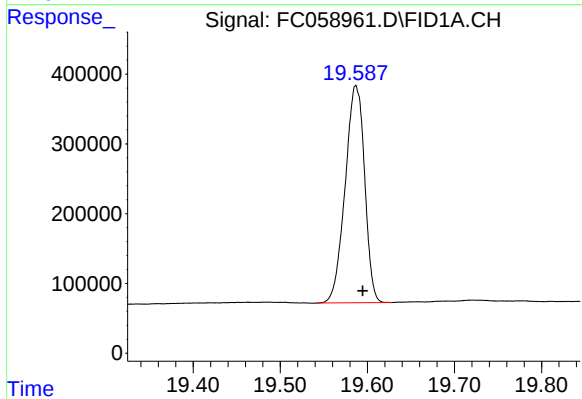
#18 n-Dotriacontane (C32)

R.T.: 18.070 min
Delta R.T.: -0.006 min
Response: 4956822
Conc: 46.27 ug/ml



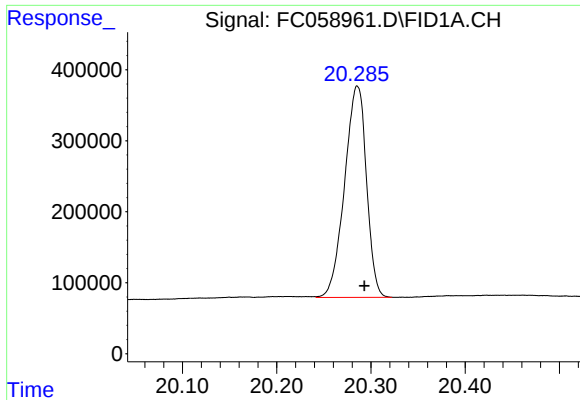
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: -0.008 min
Response: 4903447
Conc: 48.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.587 min
Delta R.T.: -0.008 min
Response: 4835472
Conc: 50.61 ug/ml



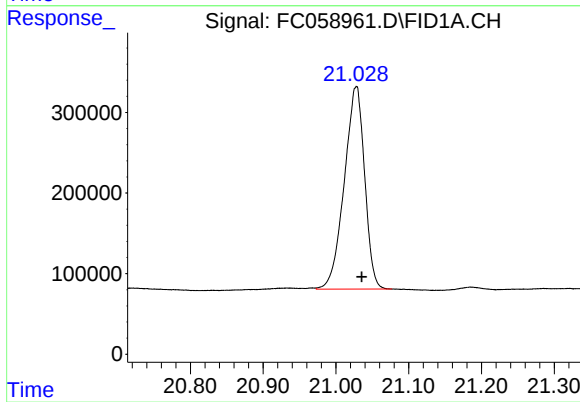
#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: -0.008 min
Response: 4805447
Conc: 52.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.028 min
Delta R.T.: -0.008 min
Response: 4886572
Conc: 52.58 ug/ml m