

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010622AL\
 Data File : FC057761.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 20:20
 Operator : AJ\MA
 Sample : N1038-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RP-RB21137-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2022
 Supervised By :Ankita Jodhani 01/07/2022

Integration File: autoint1.e
 Quant Time: Jan 07 01:00:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.711	6841409	35.381 ug/ml
Spiked Amount 50.000		Recovery =	70.76%
12) S 1-chlorooctadecane (S...	12.148	5192243	35.229 ug/ml
Spiked Amount 50.000		Recovery =	70.46%
Target Compounds			
1) T n-Nonane (C9)	2.639	5024548	31.421 ug/ml
2) T n-Decane (C10)	3.630	5678936	35.332 ug/ml
3) T A~Naphthalene (C11.7)	5.165	6931882	38.175 ug/ml
4) T n-Dodecane (C12)	5.599	6164311	38.222 ug/ml
5) T A~2-methylnaphthalene...	6.205	7024401	38.413 ug/ml
6) T n-Tetradecane (C14)	7.382	6753736	40.909 ug/ml
7) T n-Hexadecane (C16)	8.972	7582743	45.395 ug/ml
8) T n-Octadecane (C18)	10.408	7692149	44.699 ug/ml
10) T n-Eicosane (C20)	11.712	7884637	46.057 ug/ml
11) T n-Heneicosane (C21)	12.320	7467487	43.184 ug/ml
13) T n-Docosane (C22)	12.903	7480847	43.241 ug/ml
14) T n-Tetracosane (C24)	14.001	7079288	40.895 ug/ml
15) T n-Hexacosane (C26)	15.019	6695584	39.786 ug/ml
16) T n-Octacosane (C28)	15.964	6539766	39.963 ug/ml
17) T n-Tricontane (C30)	16.849	6277566	40.209 ug/mlm
18) T n-Dotriacontane (C32)	17.679	6106574	43.798 ug/ml
19) T n-Tetratriacontane (C34)	18.460	5591454	44.988 ug/ml
20) T n-Hexatriacontane (C36)	19.197	4680694	42.100 ug/ml
21) T n-Octatriacontane (C38)	19.903	4396188	42.143 ug/ml
22) T n-Tetracontane (C40)	20.729	4475394	46.739 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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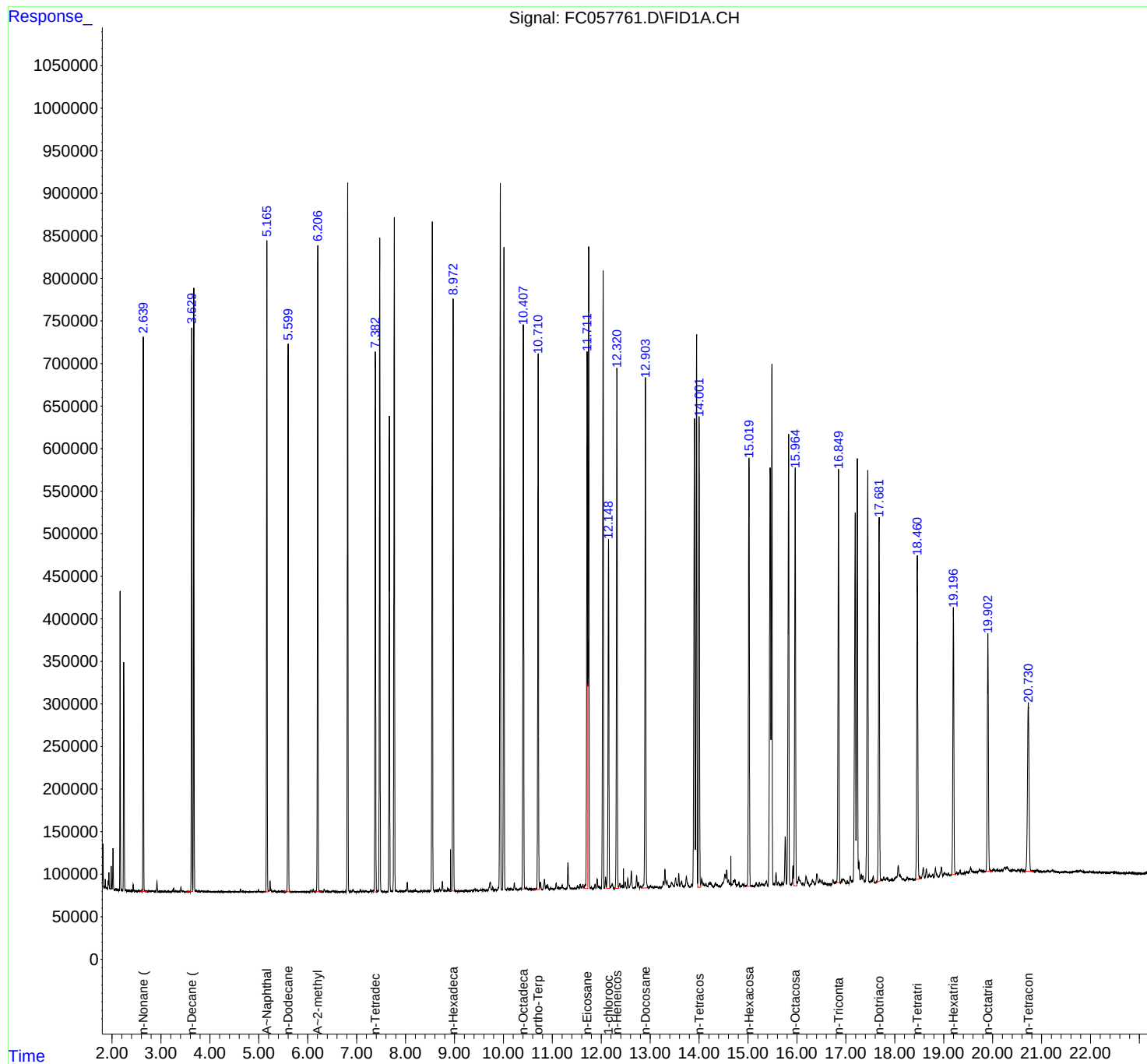
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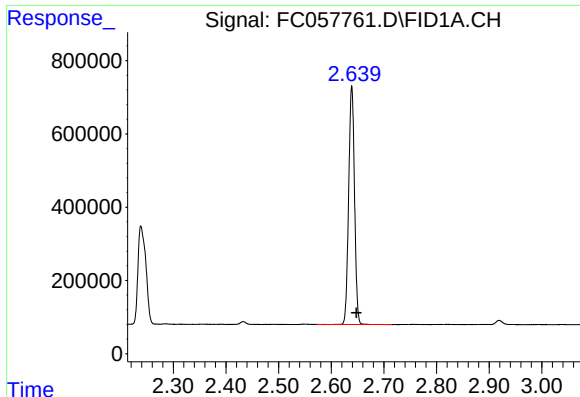
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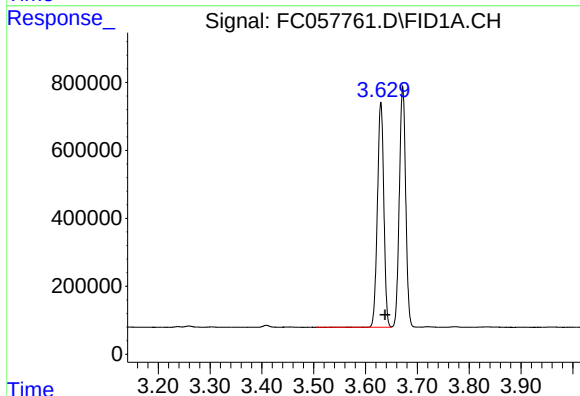
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.009 min
Response: 5024548
Conc: 31.42 ug/ml

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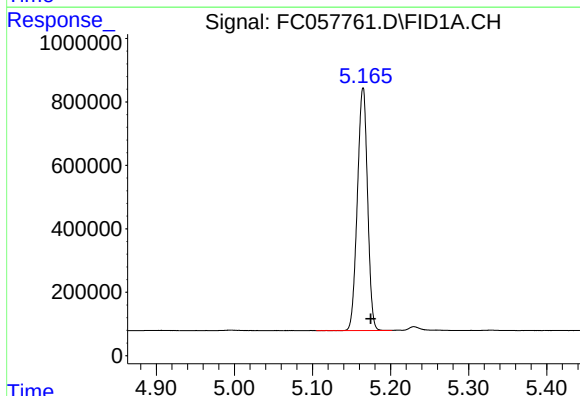
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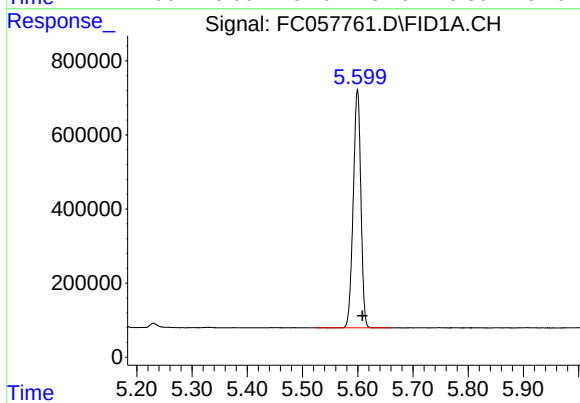
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: -0.008 min
Response: 5678936
Conc: 35.33 ug/ml



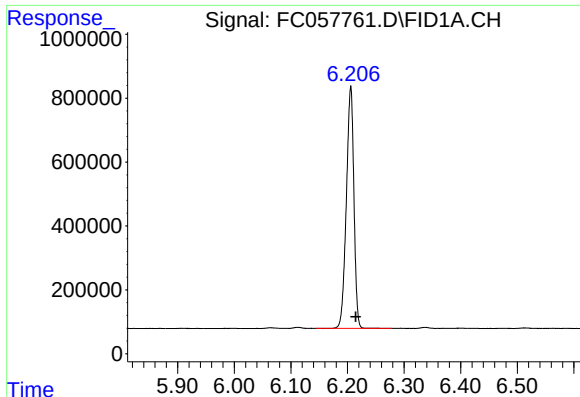
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.010 min
Response: 6931882
Conc: 38.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 6164311
Conc: 38.22 ug/ml



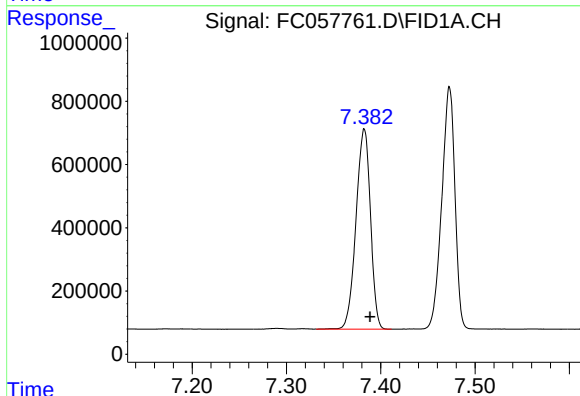
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.205 min
Delta R.T.: -0.009 min
Response: 7024401
Conc: 38.41 ug/ml

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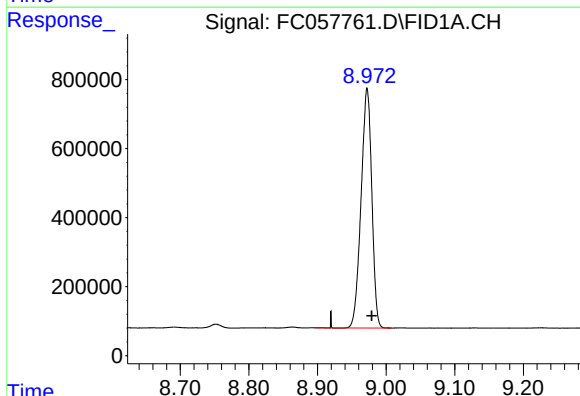
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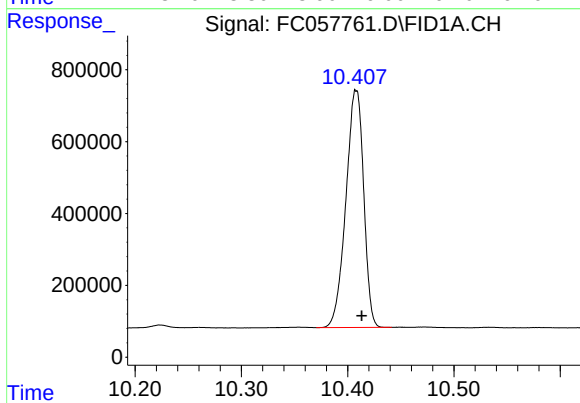
#6 n-Tetradecane (C14)

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 6753736
Conc: 40.91 ug/ml



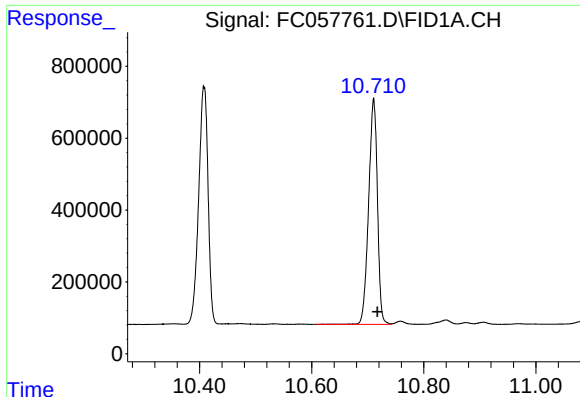
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.007 min
Response: 7582743
Conc: 45.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.408 min
Delta R.T.: -0.005 min
Response: 7692149
Conc: 44.70 ug/ml



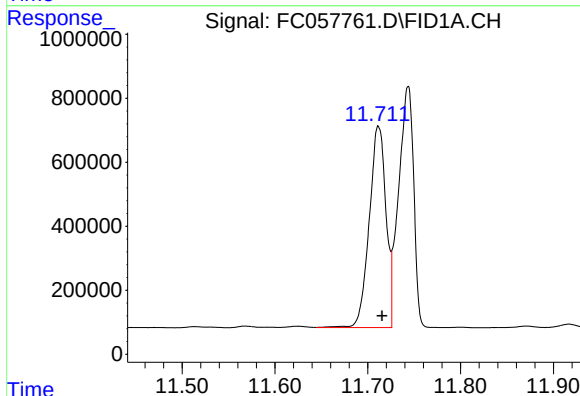
#9 ortho-Terphenyl (SURR)

R.T.: 10.711 min
Delta R.T.: -0.007 min
Response: 6841409
Conc: 35.38 ug/ml

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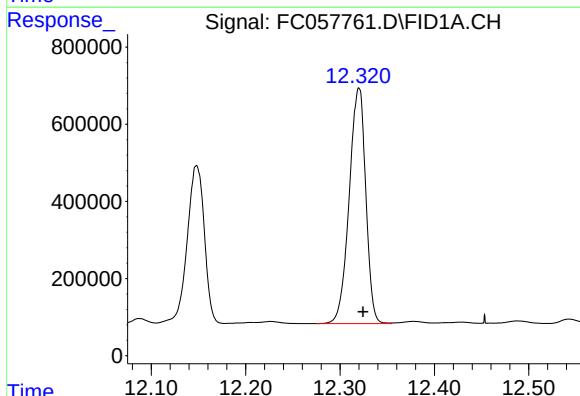
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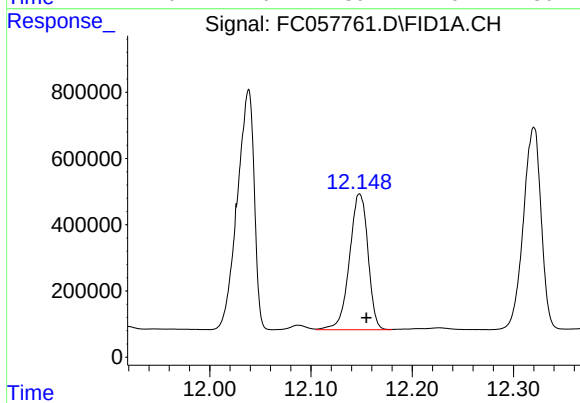
#10 n-Eicosane (C20)

R.T.: 11.712 min
Delta R.T.: -0.004 min
Response: 7884637
Conc: 46.06 ug/ml



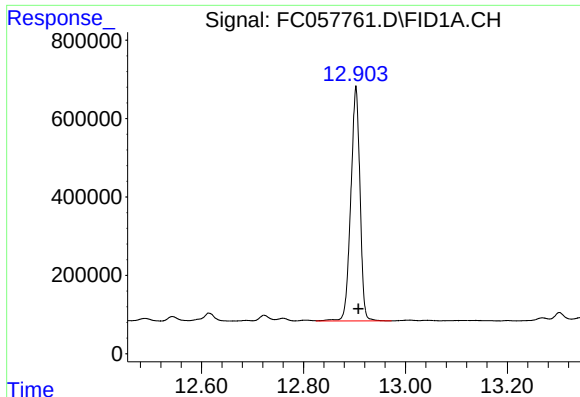
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.005 min
Response: 7467487
Conc: 43.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.148 min
Delta R.T.: -0.007 min
Response: 5192243
Conc: 35.23 ug/ml



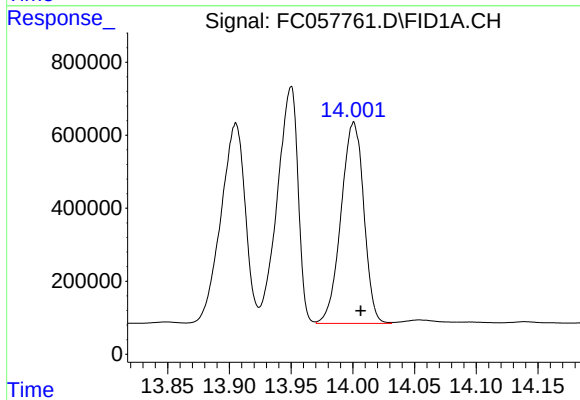
#13 n-Docosane (C22)

R.T.: 12.903 min
Delta R.T.: -0.005 min
Response: 7480847
Conc: 43.24 ug/ml

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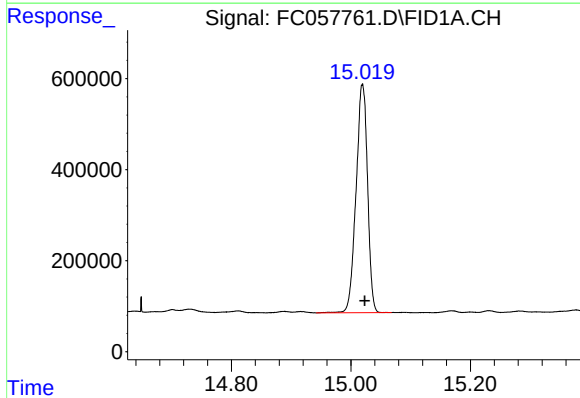
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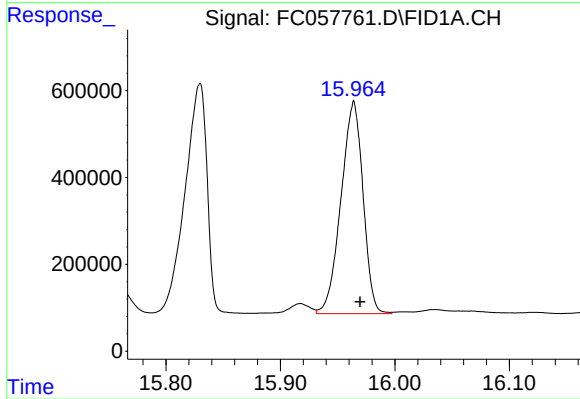
#14 n-Tetracosane (C24)

R.T.: 14.001 min
Delta R.T.: -0.006 min
Response: 7079288
Conc: 40.89 ug/ml



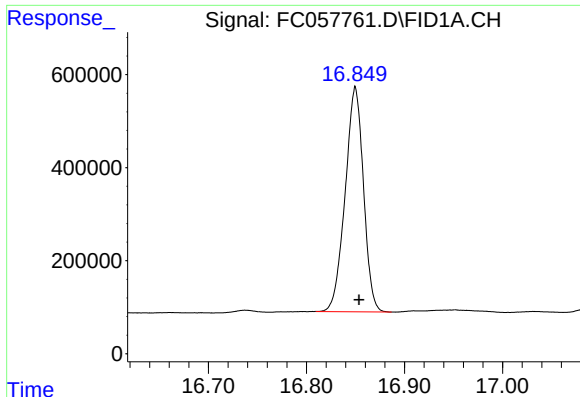
#15 n-Hexacosane (C26)

R.T.: 15.019 min
Delta R.T.: -0.004 min
Response: 6695584
Conc: 39.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.006 min
Response: 6539766
Conc: 39.96 ug/ml



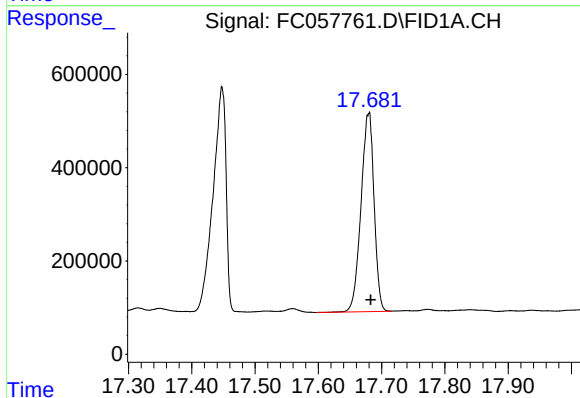
#17 n-Tricontane (C30)

R.T.: 16.849 min
Delta R.T.: -0.004 min
Response: 6277566
Conc: 40.21 ug/ml

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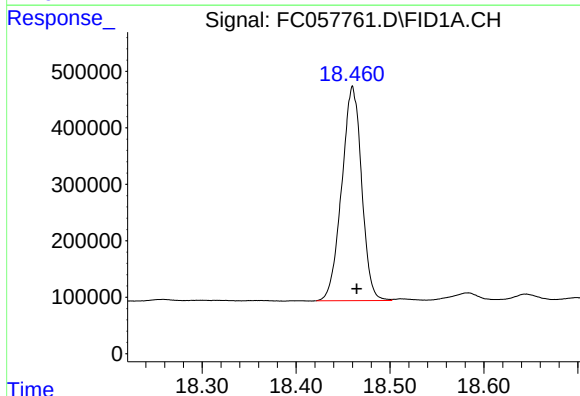
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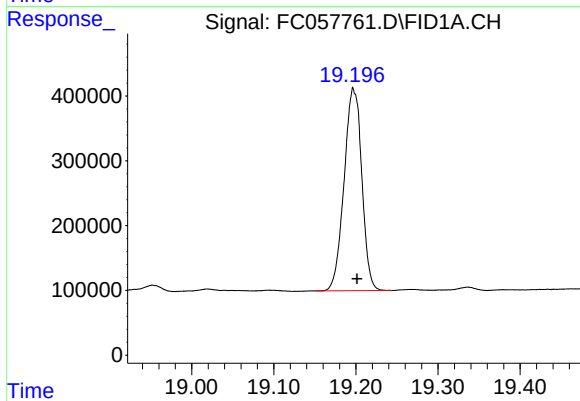
#18 n-Dotriacontane (C32)

R.T.: 17.679 min
Delta R.T.: -0.004 min
Response: 6106574
Conc: 43.80 ug/ml



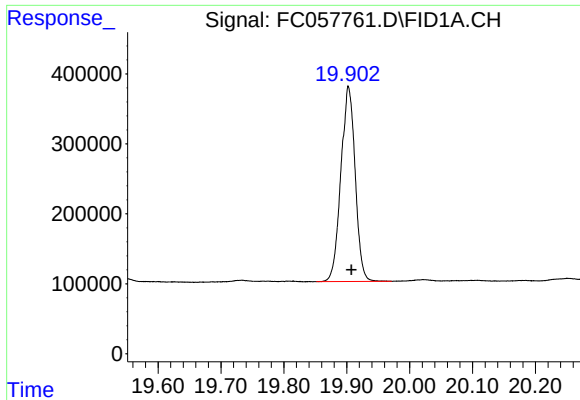
#19 n-Tetratriacontane (C34)

R.T.: 18.460 min
Delta R.T.: -0.004 min
Response: 5591454
Conc: 44.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.197 min
Delta R.T.: -0.004 min
Response: 4680694
Conc: 42.10 ug/ml



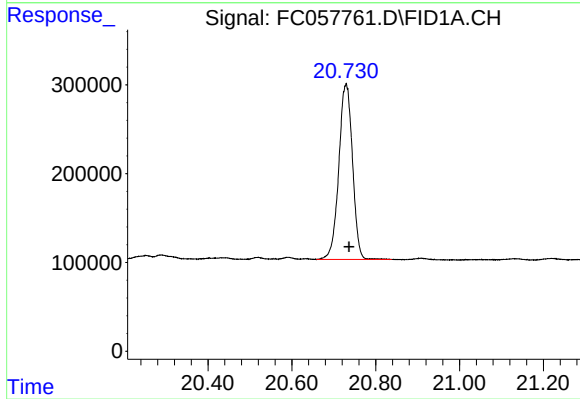
#21 n-Octatriacontane (C38)

R.T.: 19.903 min
Delta R.T.: -0.004 min
Response: 4396188
Conc: 42.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.729 min
Delta R.T.: -0.008 min
Response: 4475394
Conc: 46.74 ug/ml