

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052522AL\
 Data File : FC059903.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2022 21:31
 Operator : UA/NP
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2022
 Supervised By :Ankita Jodhani 05/25/2022

Integration File: sample.E
 Quant Time: May 25 01:52:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052522.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 01:51:23 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)	10.641	761940	4.906 ug/ml
Spiked Amount 50.000		Recovery =	9.81%
12) S 1-chlorooctadecane (S...	12.009	614285	4.934 ug/ml
Spiked Amount 50.000		Recovery =	9.87%
Target Compounds			
1) T n-Nonane (C9)	2.628	638963	4.962 ug/ml
2) T n-Decane (C10)	3.626	615814	4.807 ug/ml
3) T A~Naphthalene (C11.7)	5.168	677998	4.687 ug/ml
4) T n-Dodecane (C12)	5.577	651649	4.932 ug/ml
5) T A~2-methylnaphthalene...	6.189	719755	4.863 ug/mlm
6) T n-Tetradecane (C14)	7.326	664828	4.950 ug/ml
7) T n-Hexadecane (C16)	8.888	693045	5.015 ug/ml
8) T n-Octadecane (C18)	10.295	706967	4.991 ug/ml
10) T n-Eicosane (C20)	11.574	713117	5.018 ug/ml
11) T n-Heneicosane (C21)	12.171	710606	4.959 ug/ml
13) T n-Docosane (C22)	12.743	719902	5.001 ug/ml
14) T n-Tetracosane (C24)	13.820	721637	5.008 ug/ml
15) T n-Hexacosane (C26)	14.817	707601	4.968 ug/ml
16) T n-Octacosane (C28)	15.743	690487	4.973 ug/mlm
17) T n-Tricontane (C30)	16.610	665272	5.036 ug/mlm
18) T n-Dotriacontane (C32)	17.424	634400	5.302 ug/ml
19) T n-Tetratriacontane (C34)	18.188	518063	4.906 ug/ml
20) T n-Hexatriacontane (C36)	18.910	472463	4.958 ug/mlm
21) T n-Octatriacontane (C38)	19.593	449019	4.887 ug/ml
22) T n-Tetracontane (C40)	20.242	486377	5.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

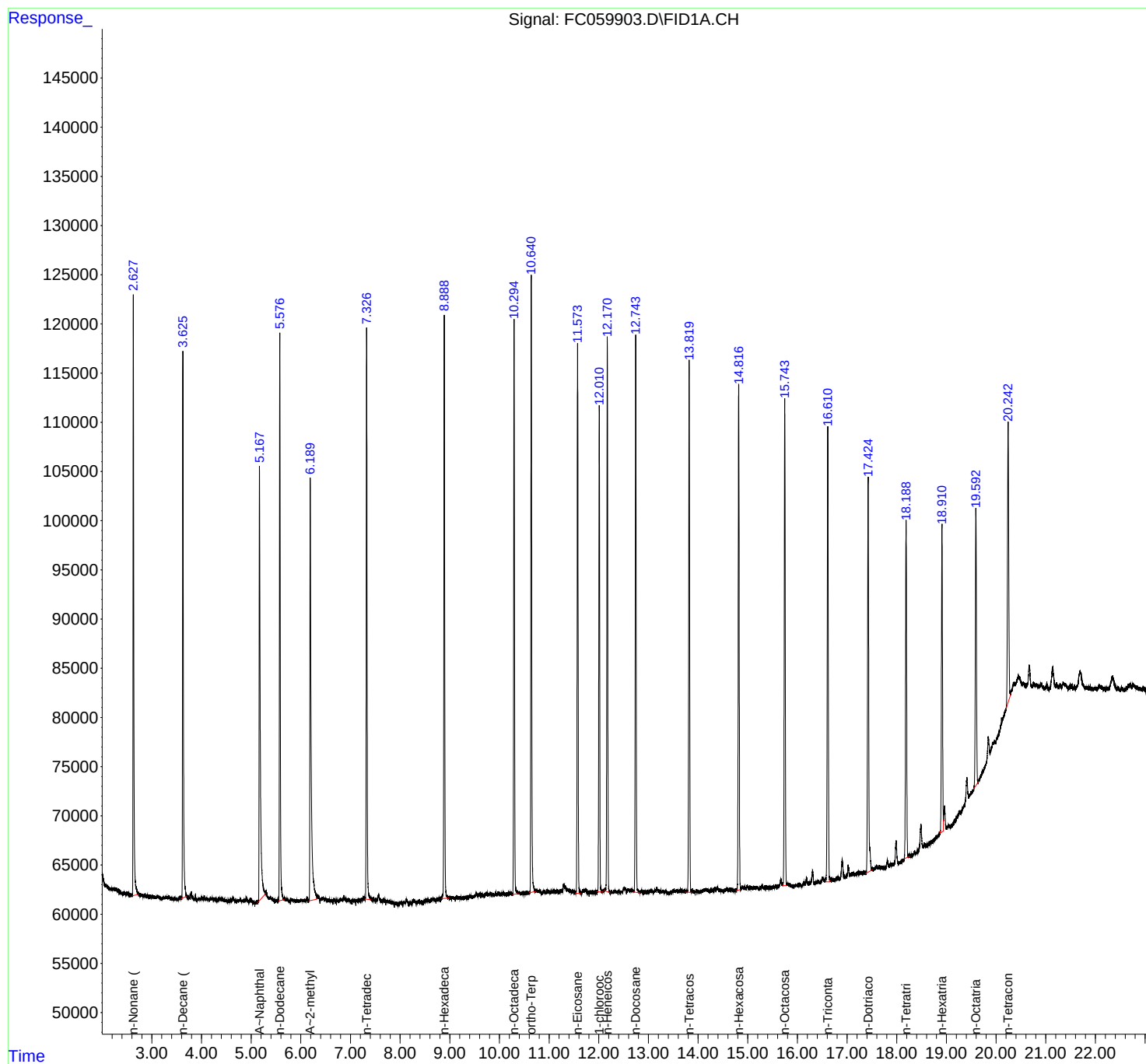
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

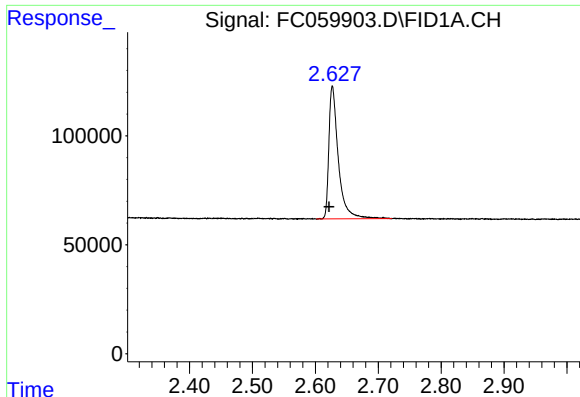
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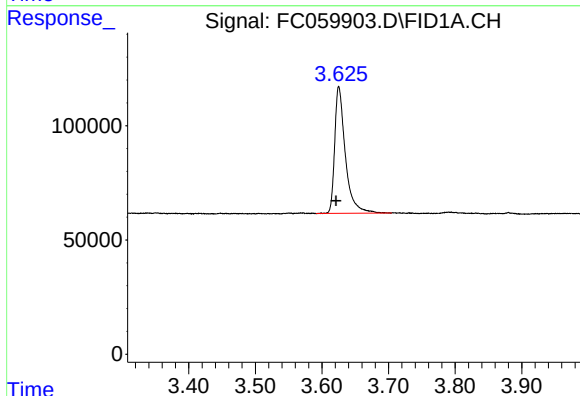
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: 0.006 min
Response: 638963
Conc: 4.96 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

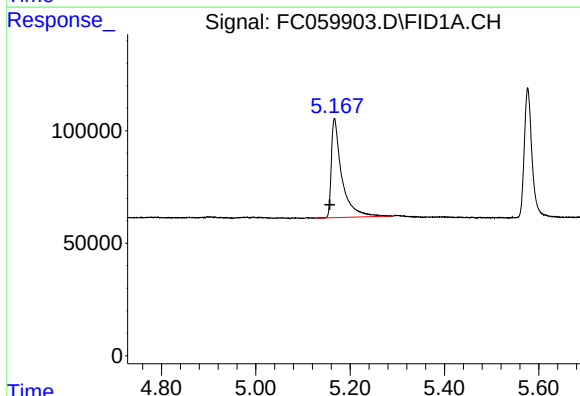
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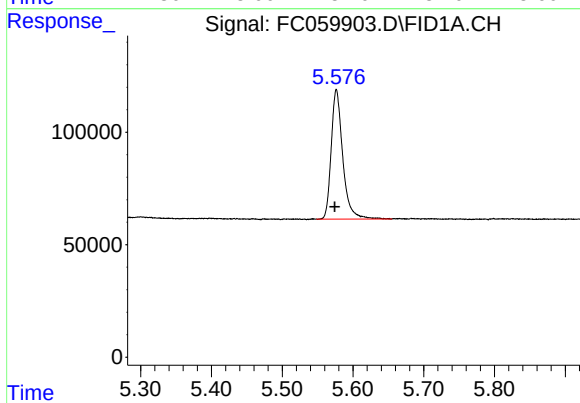
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: 0.005 min
Response: 615814
Conc: 4.81 ug/ml



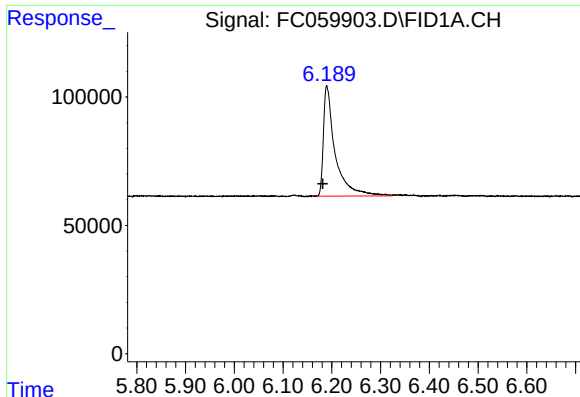
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: 0.011 min
Response: 677998
Conc: 4.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: 0.003 min
Response: 651649
Conc: 4.93 ug/ml



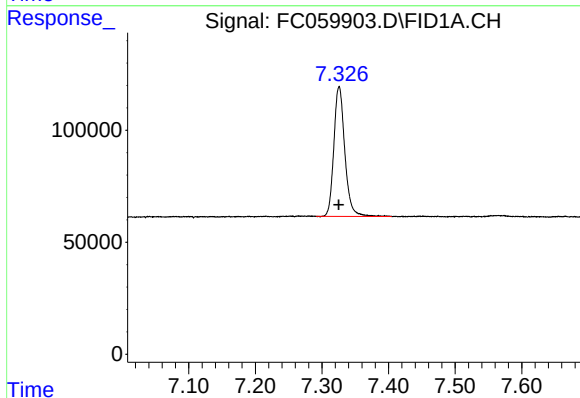
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: 0.008 min
Response: 719755
Conc: 4.86 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

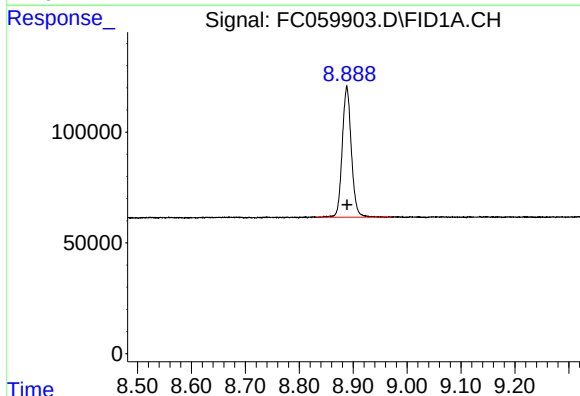
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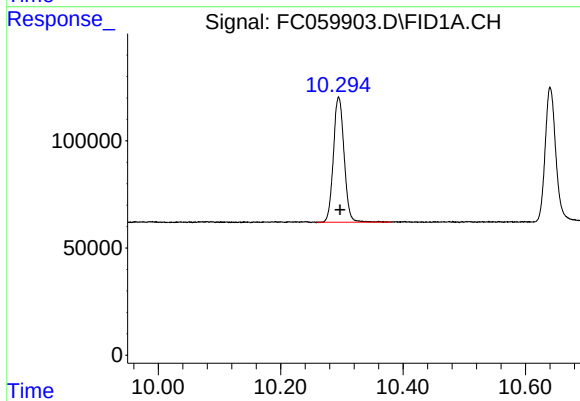
#6 n-Tetradecane (C14)

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 664828
Conc: 4.95 ug/ml



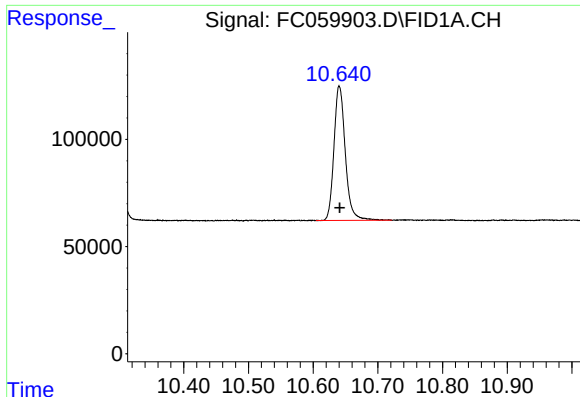
#7 n-Hexadecane (C16)

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 693045
Conc: 5.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.295 min
Delta R.T.: -0.002 min
Response: 706967
Conc: 4.99 ug/ml



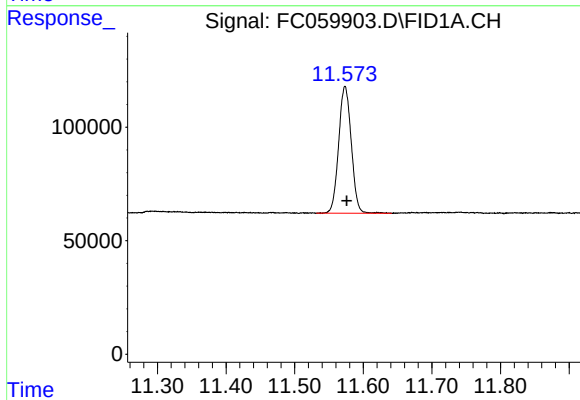
#9 ortho-Terphenyl (SURR)

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 761940
Conc: 4.91 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

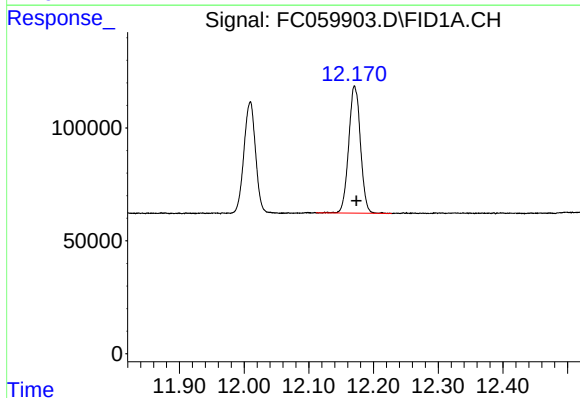
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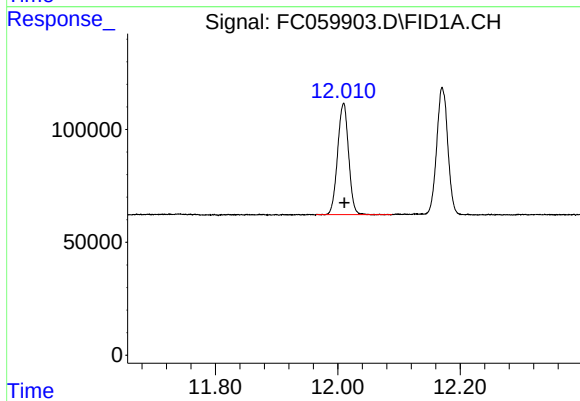
#10 n-Eicosane (C20)

R.T.: 11.574 min
Delta R.T.: -0.002 min
Response: 713117
Conc: 5.02 ug/ml



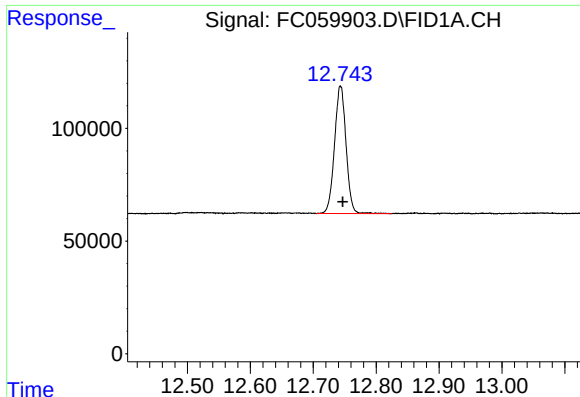
#11 n-Heneicosane (C21)

R.T.: 12.171 min
Delta R.T.: -0.003 min
Response: 710606
Conc: 4.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.009 min
Delta R.T.: -0.002 min
Response: 614285
Conc: 4.93 ug/ml



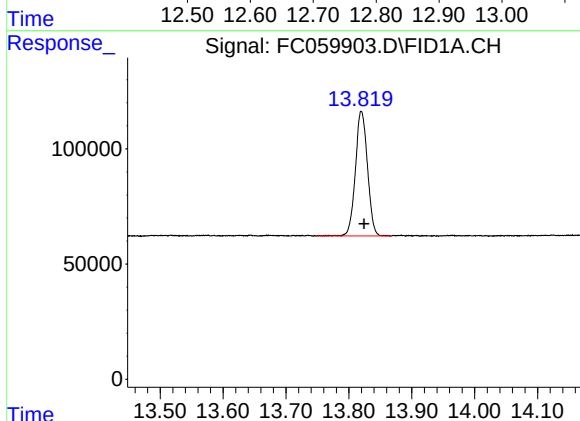
#13 n-Docosane (C22)

R.T.: 12.743 min
Delta R.T.: -0.003 min
Response: 719902
Conc: 5.00 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

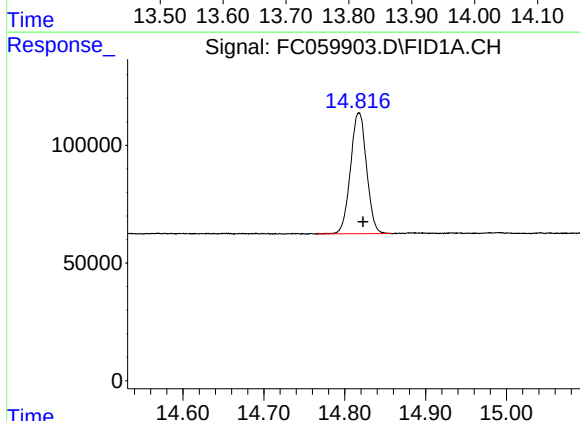
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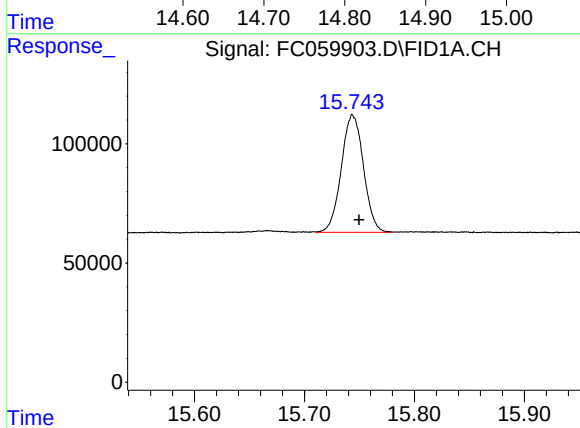
#14 n-Tetracosane (C24)

R.T.: 13.820 min
Delta R.T.: -0.004 min
Response: 721637
Conc: 5.01 ug/ml



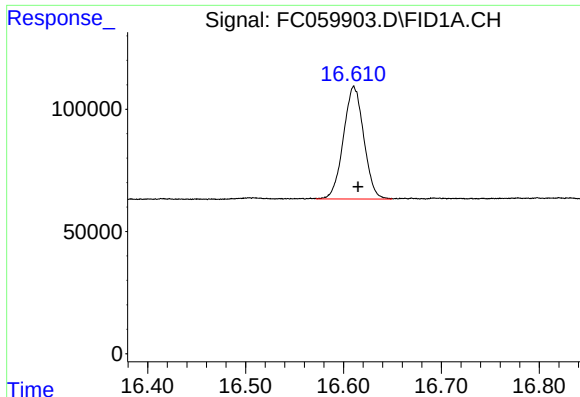
#15 n-Hexacosane (C26)

R.T.: 14.817 min
Delta R.T.: -0.005 min
Response: 707601
Conc: 4.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.743 min
Delta R.T.: -0.007 min
Response: 690487
Conc: 4.97 ug/ml m



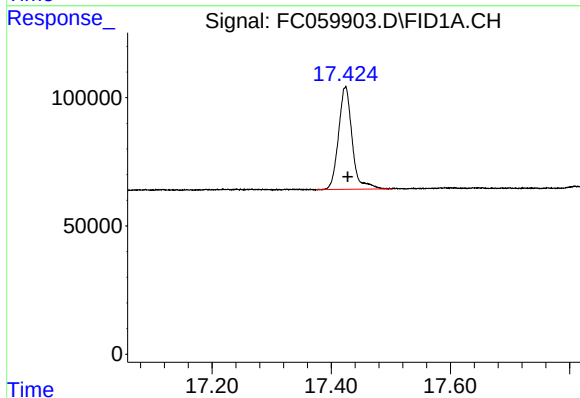
#17 n-Tricontane (C30)

R.T.: 16.610 min
Delta R.T.: -0.005 min
Response: 665272
Conc: 5.04 ug/ml

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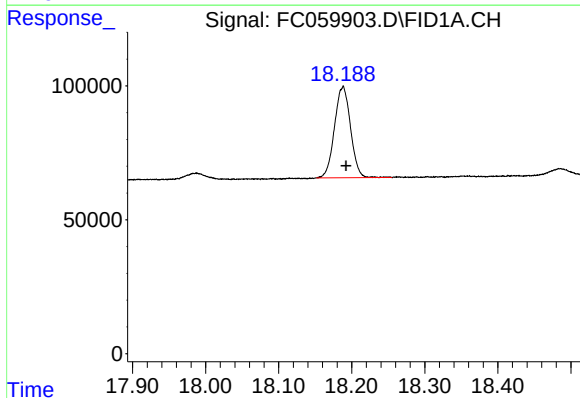
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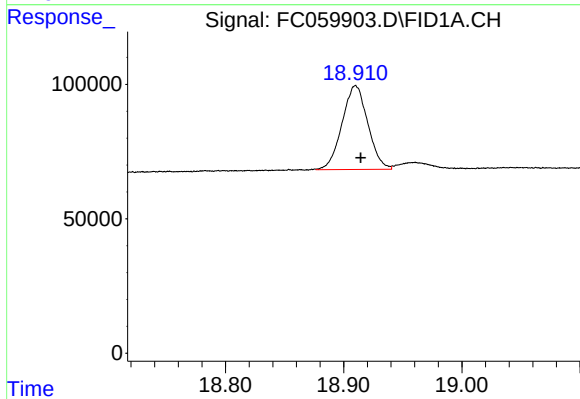
#18 n-Dotriacontane (C32)

R.T.: 17.424 min
Delta R.T.: -0.004 min
Response: 634400
Conc: 5.30 ug/ml



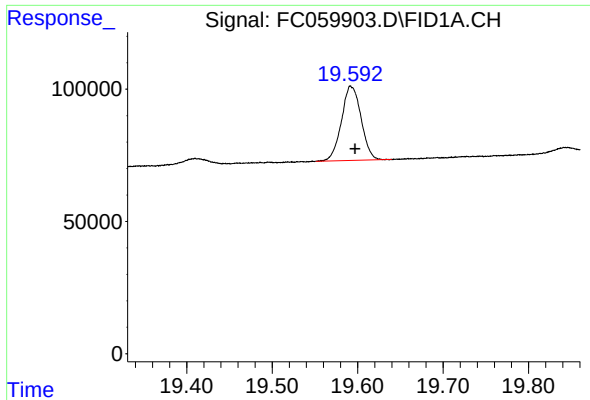
#19 n-Tetratriacontane (C34)

R.T.: 18.188 min
Delta R.T.: -0.005 min
Response: 518063
Conc: 4.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.910 min
Delta R.T.: -0.004 min
Response: 472463
Conc: 4.96 ug/ml m



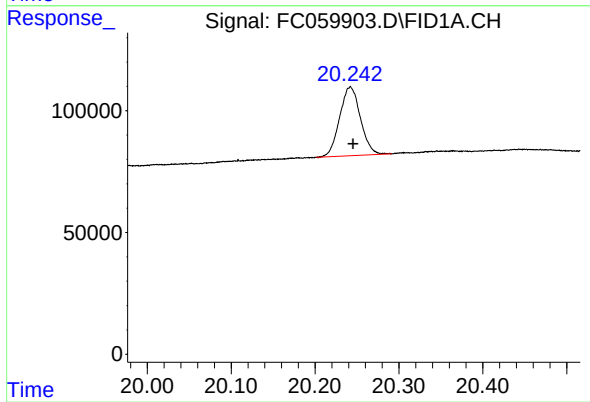
#21 n-Octatriacontane (C38)

R.T.: 19.593 min
Delta R.T.: -0.004 min
Response: 449019
Conc: 4.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.242 min
Delta R.T.: -0.003 min
Response: 486377
Conc: 5.15 ug/ml