

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011722AL\
 Data File : FC057959.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jan 2022 21:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/18/2022
 Supervised By :Ankita Jodhani 01/18/2022

Integration File: autoint1.e
 Quant Time: Jan 18 00:54:58 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	3569569	18.460 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
12) S 1-chlorooctadecane (S...	12.149	2695399	18.288 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	2.635	3248427	20.314 ug/ml
2) T n-Decane (C10)	3.625	3299903	20.531 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3729450	20.539 ug/ml
4) T n-Dodecane (C12)	5.598	3331884	20.659 ug/ml
5) T A~2-methylnaphthalene...	6.206	3756001	20.540 ug/ml
6) T n-Tetradecane (C14)	7.379	3394676	20.562 ug/ml
7) T n-Hexadecane (C16)	8.971	3358616	20.107 ug/ml
8) T n-Octadecane (C18)	10.406	3356008	19.502 ug/ml
10) T n-Eicosane (C20)	11.710	3194016	18.657 ug/ml
11) T n-Heneicosane (C21)	12.320	3155344	18.247 ug/ml
13) T n-Docosane (C22)	12.904	3061159	17.694 ug/ml
14) T n-Tetracosane (C24)	14.002	2944076	17.007 ug/ml
15) T n-Hexacosane (C26)	15.021	2801651	16.648 ug/ml
16) T n-Octacosane (C28)	15.967	2733279	16.703 ug/ml
17) T n-Tricontane (C30)	16.852	2666453	17.079 ug/ml
18) T n-Dotriacontane (C32)	17.682	2466397	17.690 ug/mlm
19) T n-Tetratriacontane (C34)	18.465	2227932	17.925 ug/ml
20) T n-Hexatriacontane (C36)	19.202	1919122	17.261 ug/ml
21) T n-Octatriacontane (C38)	19.908	1590053	15.243 ug/mlm
22) T n-Tetracontane (C40)	20.735	1552443	16.213 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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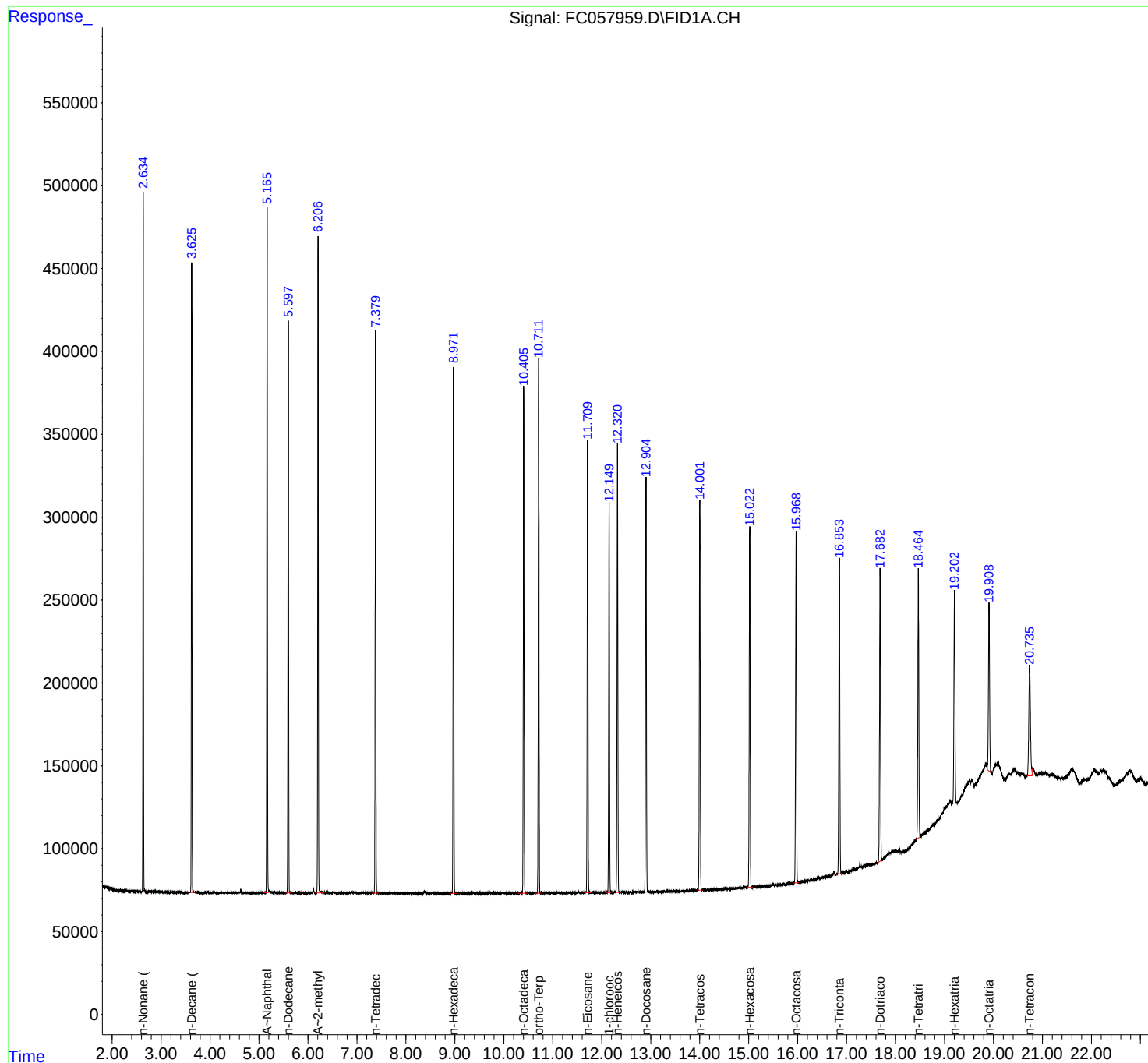
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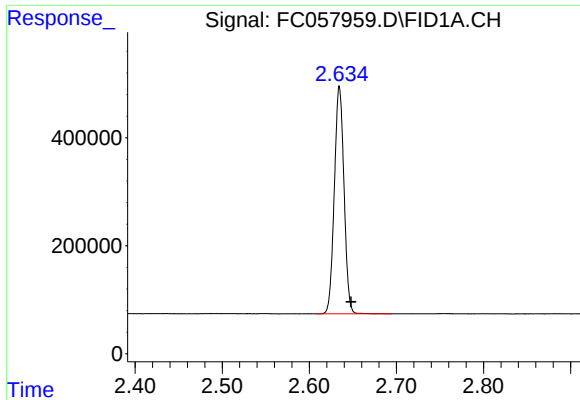
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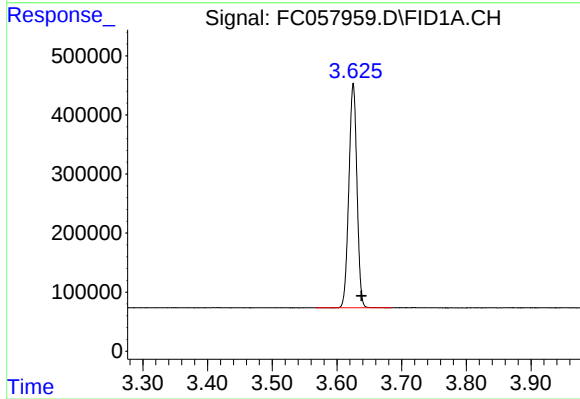
#1 n-Nonane (C9)

R.T.: 2.635 min
Delta R.T.: -0.013 min
Response: 3248427
Conc: 20.31 ug/ml

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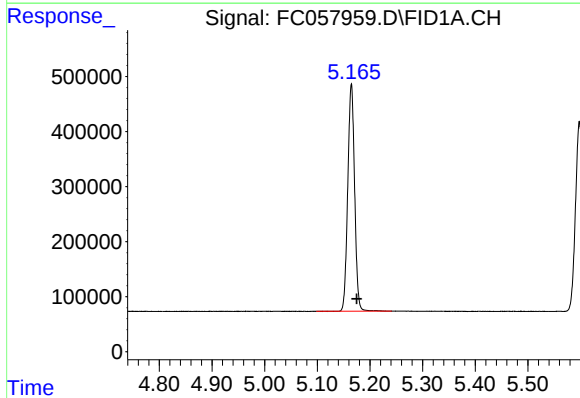
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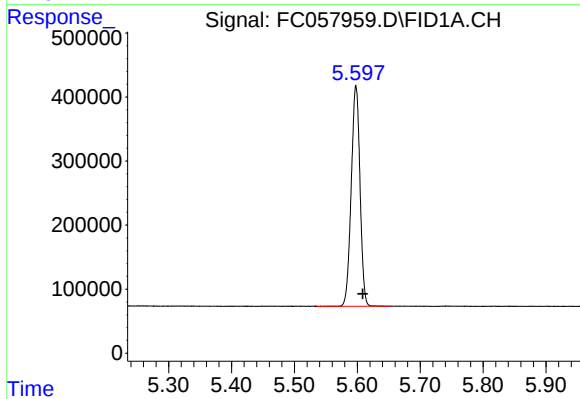
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.013 min
Response: 3299903
Conc: 20.53 ug/ml



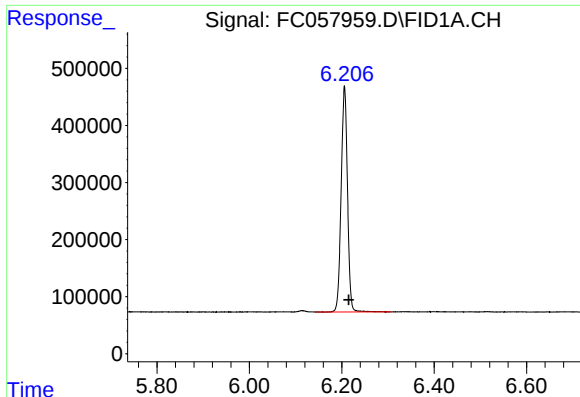
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.010 min
Response: 3729450
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.011 min
Response: 3331884
Conc: 20.66 ug/ml



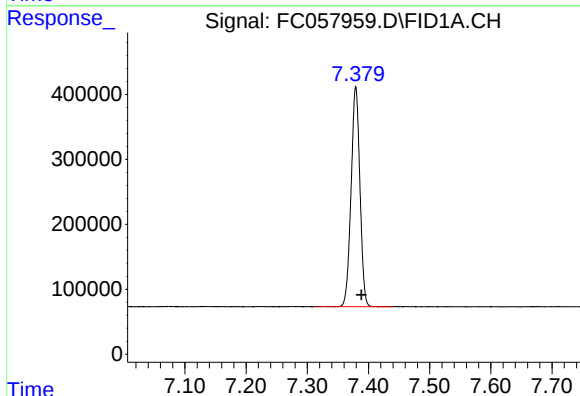
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.206 min
Delta R.T.: -0.009 min
Response: 3756001
Conc: 20.54 ug/ml

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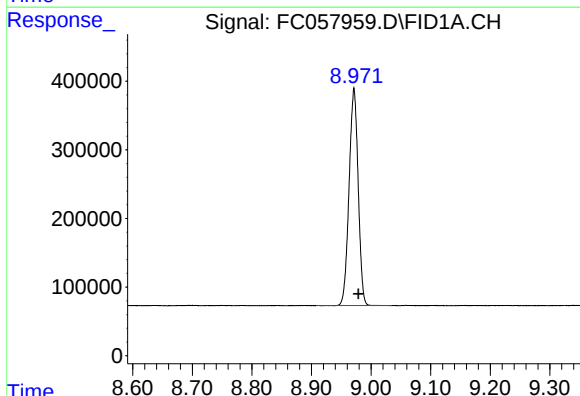
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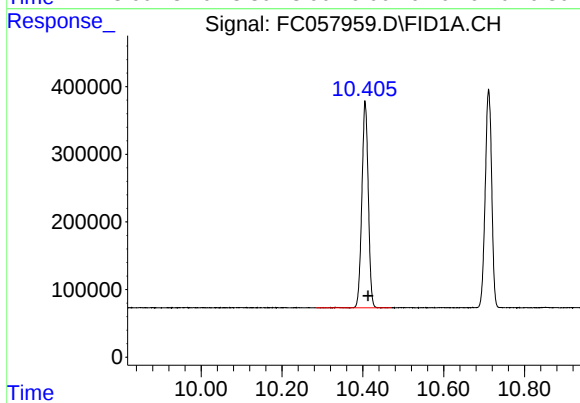
#6 n-Tetradecane (C14)

R.T.: 7.379 min
Delta R.T.: -0.009 min
Response: 3394676
Conc: 20.56 ug/ml



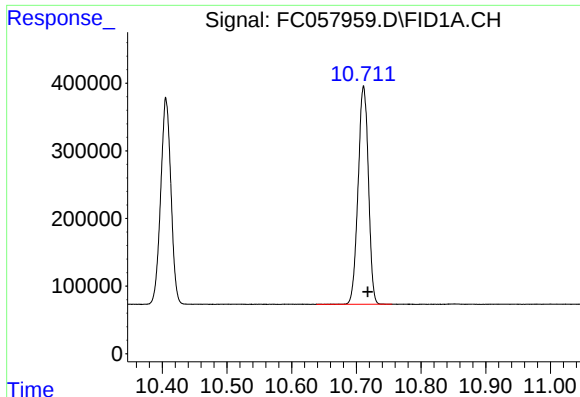
#7 n-Hexadecane (C16)

R.T.: 8.971 min
Delta R.T.: -0.008 min
Response: 3358616
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 3356008
Conc: 19.50 ug/ml



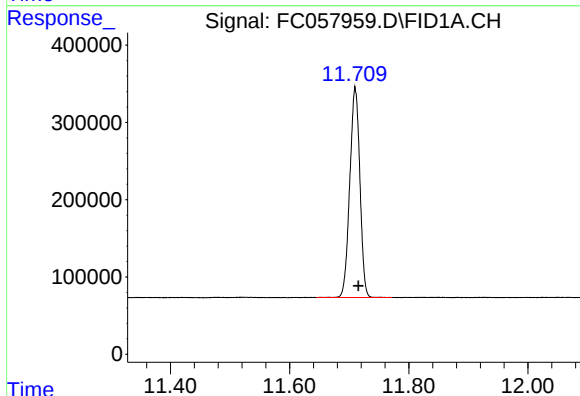
#9 ortho-Terphenyl (SURR)

R.T.: 10.711 min
Delta R.T.: -0.006 min
Response: 3569569
Conc: 18.46 ug/ml

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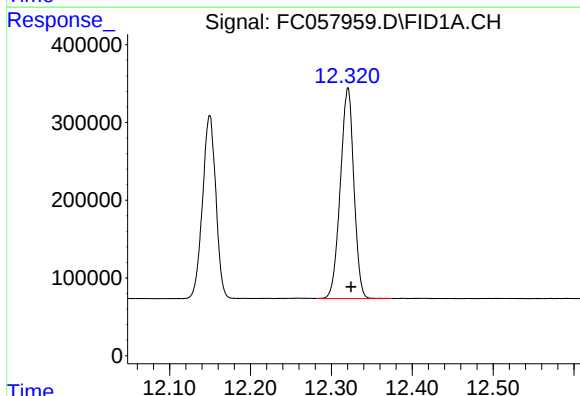
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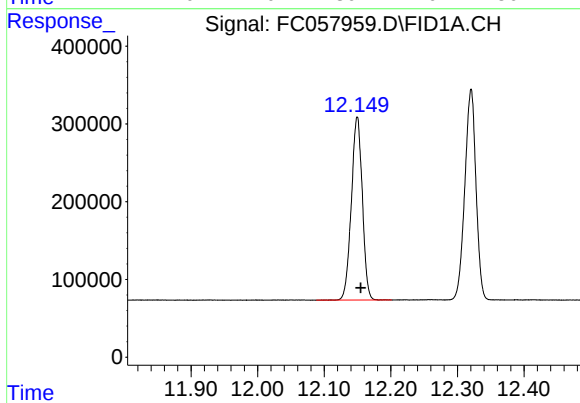
#10 n-Eicosane (C20)

R.T.: 11.710 min
Delta R.T.: -0.005 min
Response: 3194016
Conc: 18.66 ug/ml



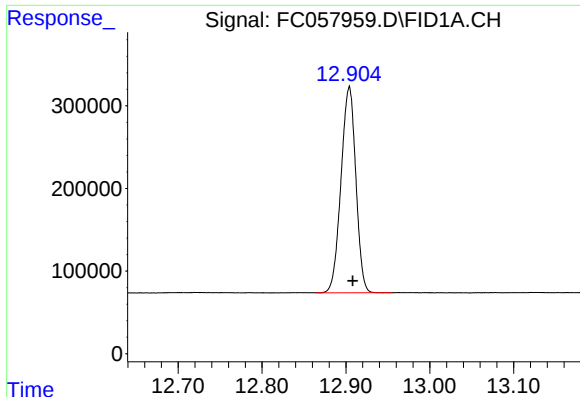
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.004 min
Response: 3155344
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.149 min
Delta R.T.: -0.005 min
Response: 2695399
Conc: 18.29 ug/ml



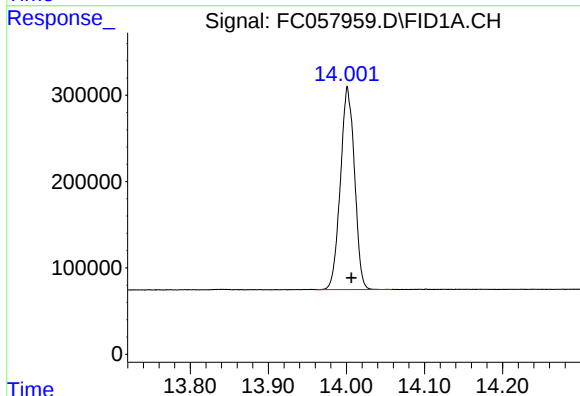
#13 n-Docosane (C22)

R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 3061159
Conc: 17.69 ug/ml

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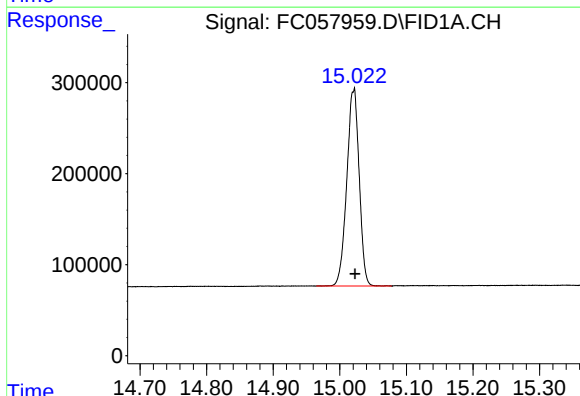
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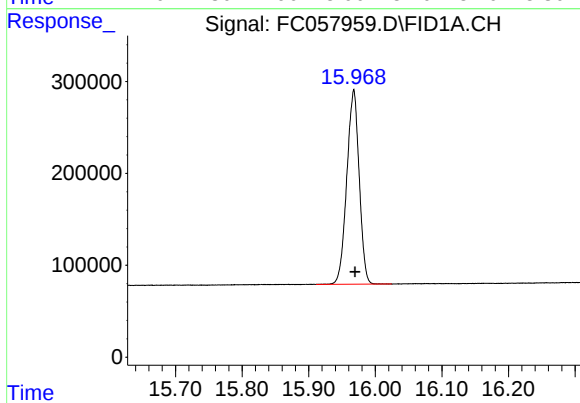
#14 n-Tetracosane (C24)

R.T.: 14.002 min
Delta R.T.: -0.005 min
Response: 2944076
Conc: 17.01 ug/ml



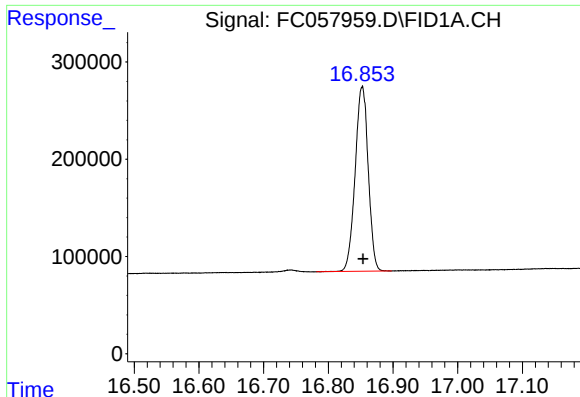
#15 n-Hexacosane (C26)

R.T.: 15.021 min
Delta R.T.: -0.003 min
Response: 2801651
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.967 min
Delta R.T.: -0.002 min
Response: 2733279
Conc: 16.70 ug/ml



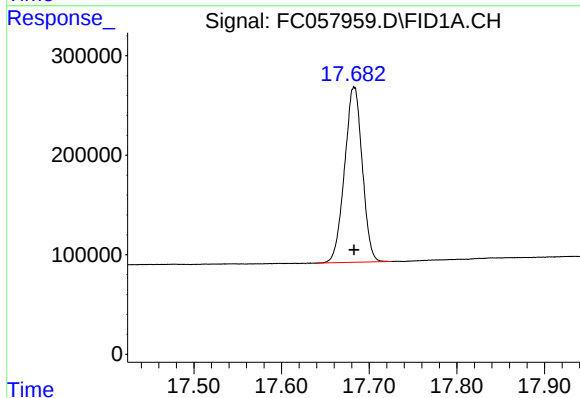
#17 n-Tricontane (C30)

R.T.: 16.852 min
Delta R.T.: -0.001 min
Response: 2666453
Conc: 17.08 ug/ml

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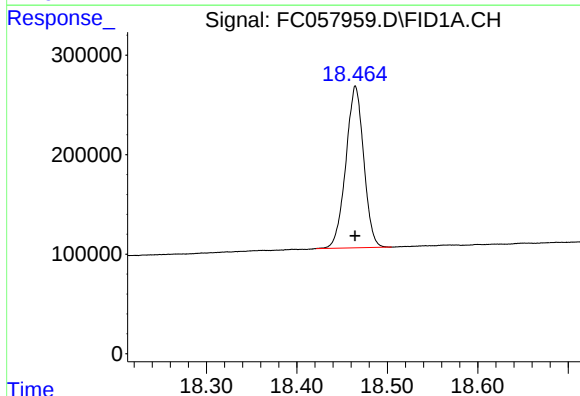
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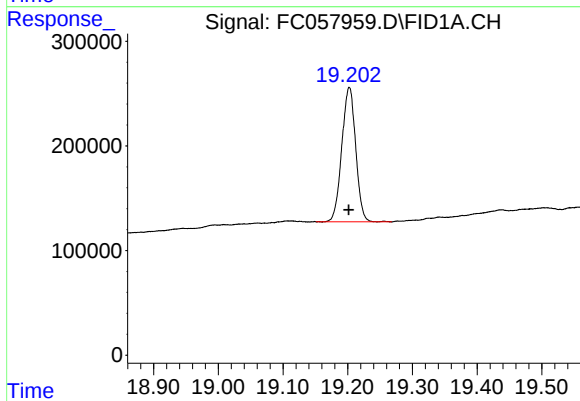
#18 n-Dotriacontane (C32)

R.T.: 17.682 min
Delta R.T.: 0.000 min
Response: 2466397
Conc: 17.69 ug/ml m



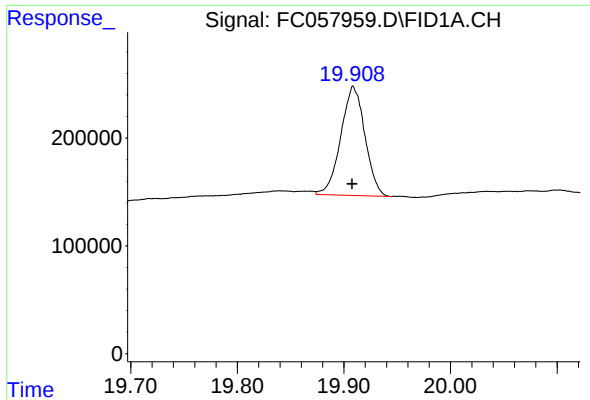
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 2227932
Conc: 17.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.202 min
Delta R.T.: 0.000 min
Response: 1919122
Conc: 17.26 ug/ml



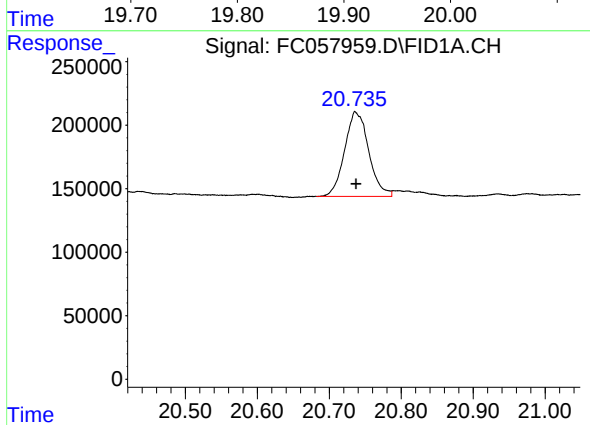
#21 n-Octatriacontane (C38)

R.T.: 19.908 min
Delta R.T.: 0.000 min
Response: 1590053
Conc: 15.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.735 min
Delta R.T.: -0.002 min
Response: 1552443
Conc: 16.21 ug/ml m