

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102318AL\
 Data File : FC037041.D
 Signal(s) : FID1A.CH
 Acq On : 24 Oct 2018 00:56
 Operator : AJ\SJ
 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

Sohil
 10/24/2018 2:00:05 PM

Integration File: autoint1.e
 Quant Time: Oct 24 04:12:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 19 15:53:26 2018
 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)	11.358	2064915	23.272 ug/ml
Spiked Amount 50.000		Recovery =	46.54%
12) S 1-chlorooctadecane (S...	12.798	1441927	22.699 ug/ml
Spiked Amount 50.000		Recovery =	45.40%
Target Compounds			
1) T n-Nonane (C9)	3.174	1382719	18.815 ug/ml
2) T n-Decane (C10)	4.238	1409870	19.368 ug/ml
3) T A~Naphthalene (C11.7)	5.806	1772554	21.246 ug/ml
4) T n-Dodecane (C12)	6.248	1468170	20.321 ug/ml
5) T A~2-methylnaphthalene...	6.856	1795193	21.681 ug/ml
6) T n-Tetradecane (C14)	8.032	1527564	21.134 ug/ml
7) T n-Hexadecane (C16)	9.623	1622146	22.233 ug/ml
8) T n-Octadecane (C18)	11.057	1647508	22.369 ug/ml
10) T n-Eicosane (C20)	12.359	1654766	22.635 ug/ml
11) T n-Heneicosane (C21)	12.968	1639731	22.897 ug/ml
13) T n-Docosane (C22)	13.551	1624634	22.790 ug/ml
14) T n-Tetracosane (C24)	14.650	1597593	22.534 ug/ml
15) T n-Hexacosane (C26)	15.667	1554510	22.023 ug/ml
16) T n-Octacosane (C28)	16.612	1536867	21.532 ug/ml
17) T n-Tricontane (C30)	17.496	1513367	19.928 ug/ml
18) T n-Dotriacontane (C32)	18.325	1523527	19.002 ug/ml
19) T n-Tetratriacontane (C34)	19.107	1484349	20.718 ug/ml
20) T n-Hexatriacontane (C36)	19.843	1403613	20.503 ug/ml
21) T n-Octatriacontane (C38)	20.549	1387441	20.935 ug/ml
22) T n-Tetracontane (C40)	21.379	1434909	21.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

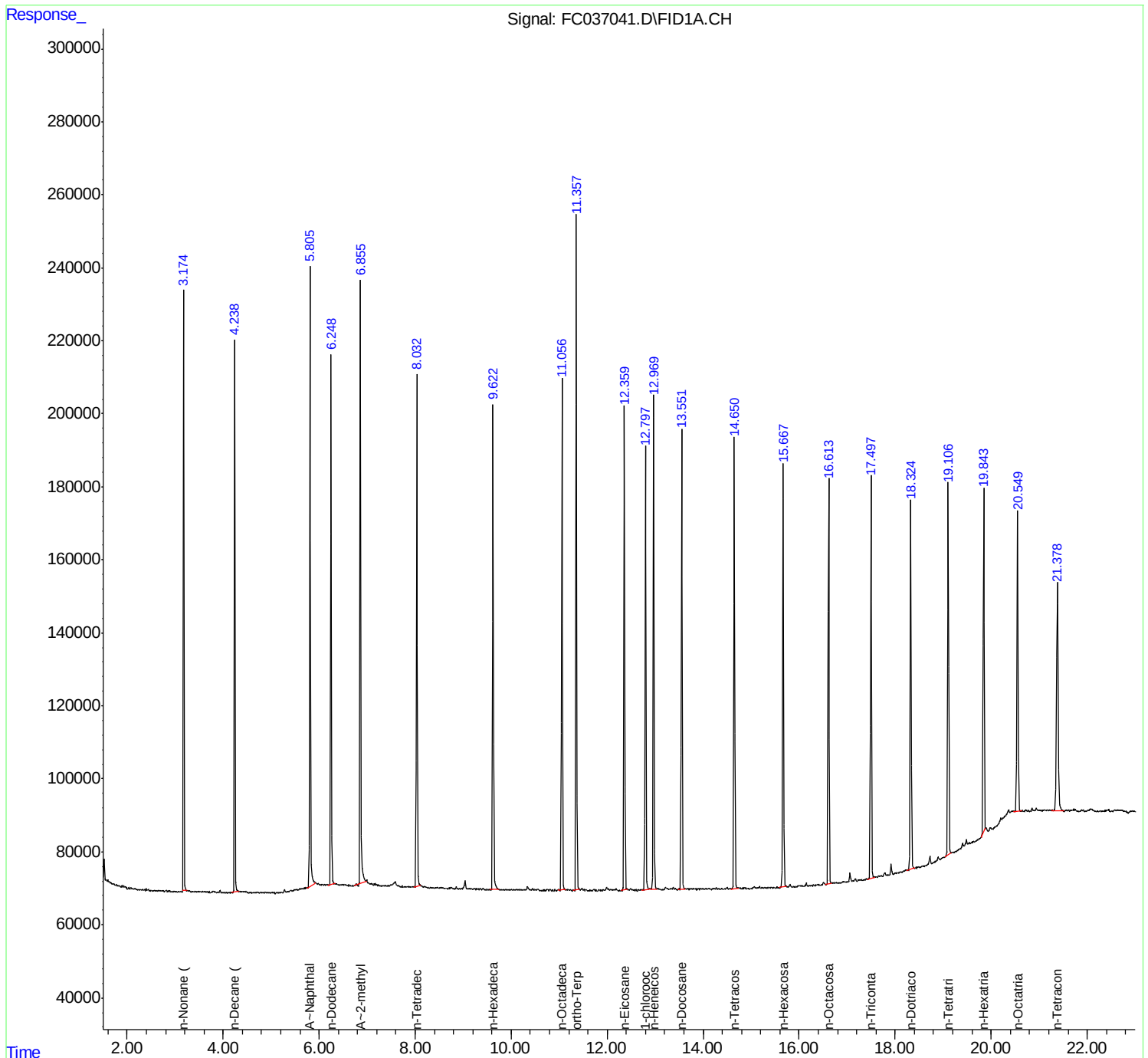
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

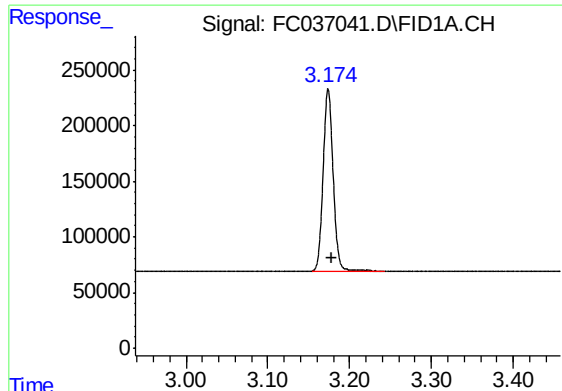
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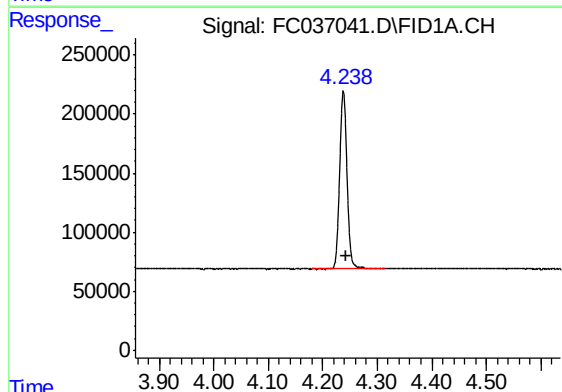
#1 n-Nonane (C9)

R.T.: 3.174 min
Delta R.T.: -0.004 min
Response: 1382719
Conc: 18.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

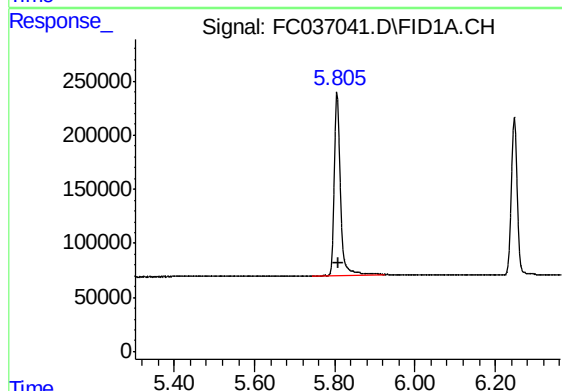
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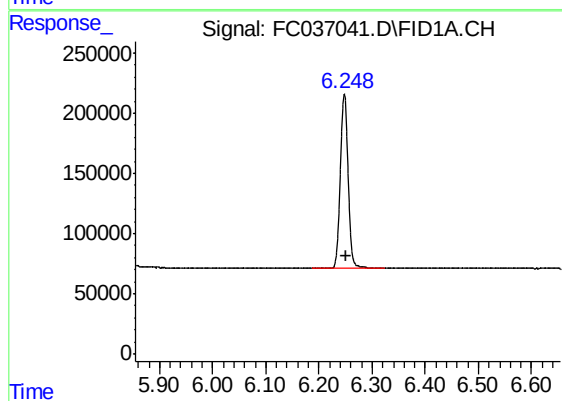
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.004 min
Response: 1409870
Conc: 19.37 ug/ml



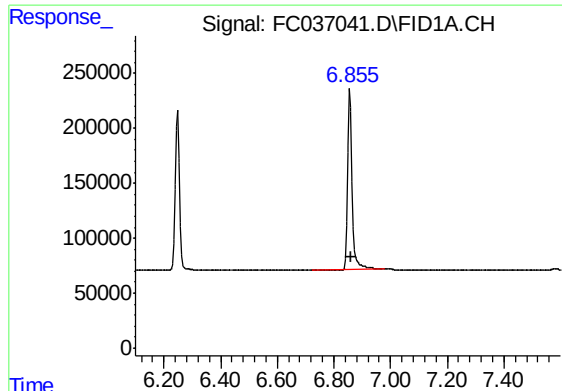
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.004 min
Response: 1772554
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 1468170
Conc: 20.32 ug/ml



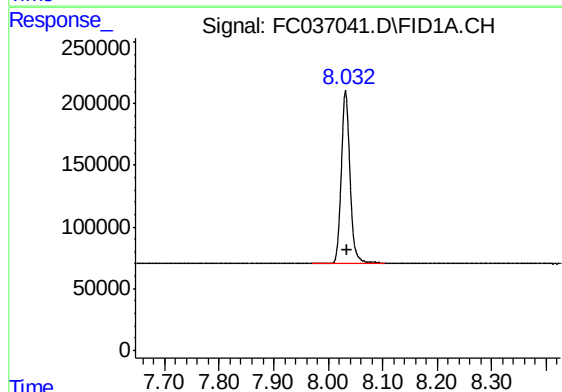
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.004 min
Response: 1795193
Conc: 21.68 ug/ml

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20 PPM ALIPHATIC HC STD

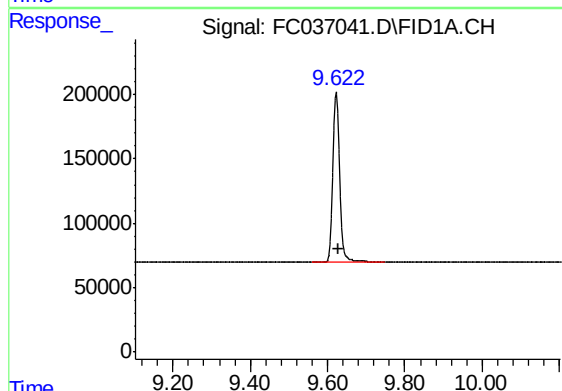
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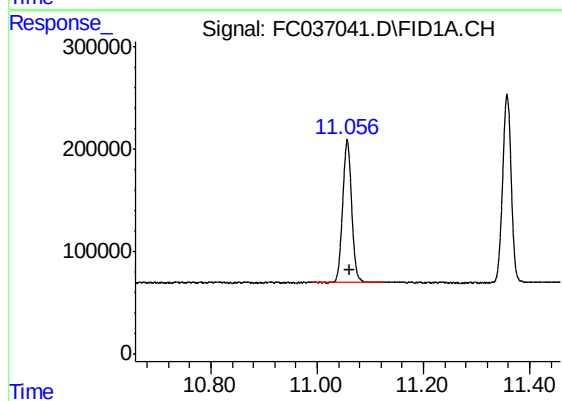
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 1527564
Conc: 21.13 ug/ml



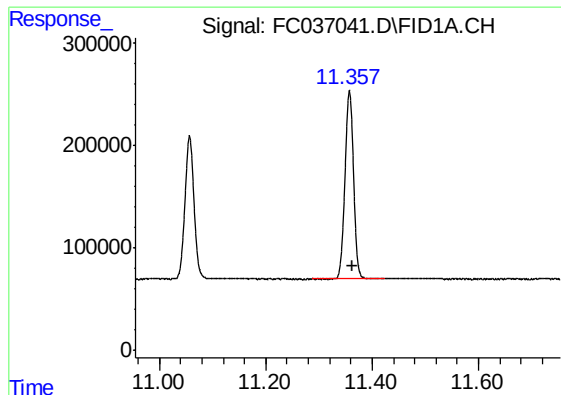
#7 n-Hexadecane (C16)

R.T.: 9.623 min
Delta R.T.: -0.005 min
Response: 1622146
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.057 min
Delta R.T.: -0.006 min
Response: 1647508
Conc: 22.37 ug/ml



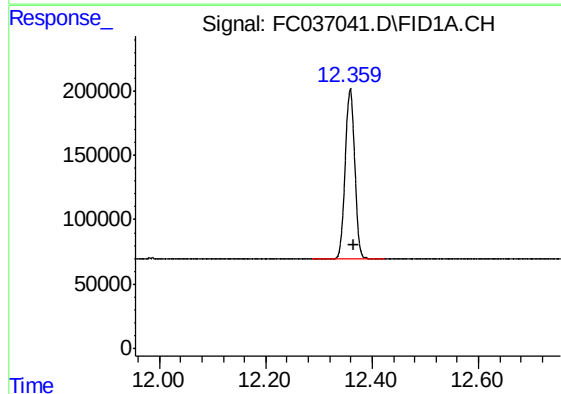
#9 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: -0.007 min
Response: 2064915
Conc: 23.27 ug/ml

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20 PPM ALIPHATIC HC STD

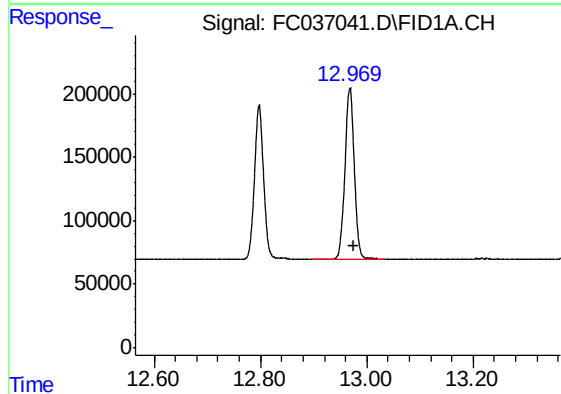
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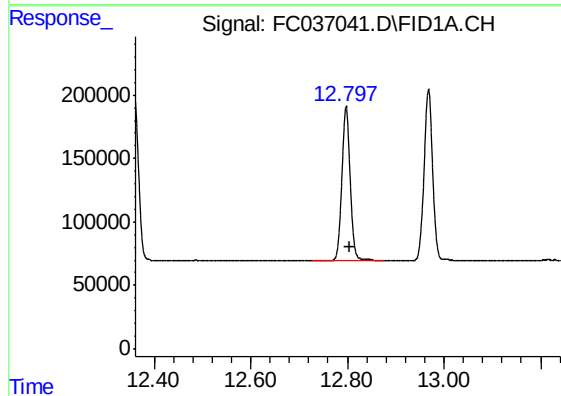
#10 n-Eicosane (C20)

R.T.: 12.359 min
Delta R.T.: -0.006 min
Response: 1654766
Conc: 22.63 ug/ml



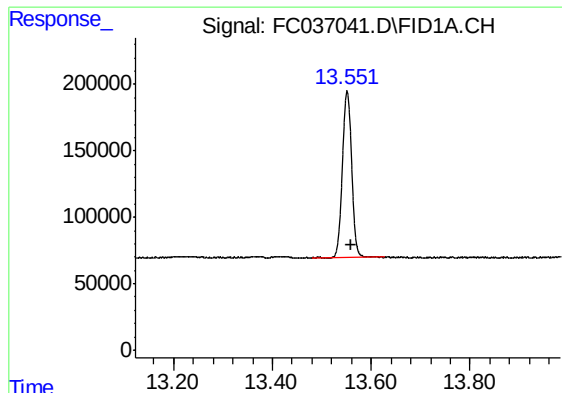
#11 n-Heneicosane (C21)

R.T.: 12.968 min
Delta R.T.: -0.007 min
Response: 1639731
Conc: 22.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.798 min
Delta R.T.: -0.008 min
Response: 1441927
Conc: 22.70 ug/ml



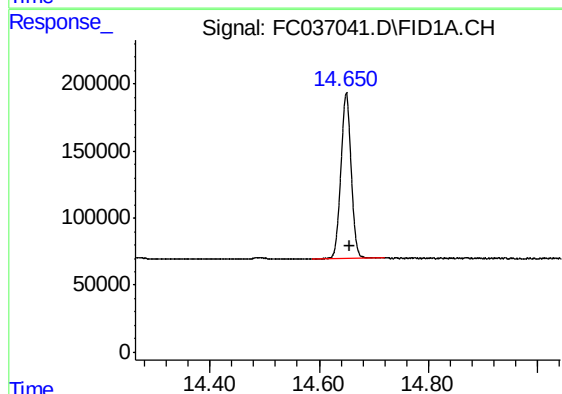
#13 n-Docosane (C22)

R.T.: 13.551 min
Delta R.T.: -0.007 min
Response: 1624634
Conc: 22.79 ug/ml

Instrument :
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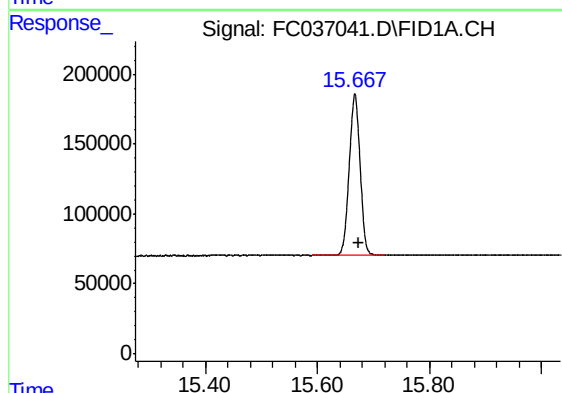
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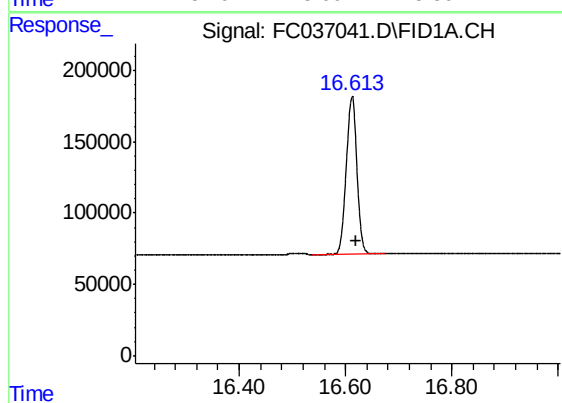
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.007 min
Response: 1597593
Conc: 22.53 ug/ml



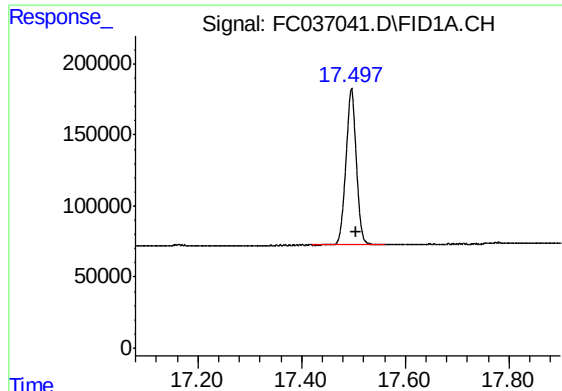
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: -0.007 min
Response: 1554510
Conc: 22.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: -0.007 min
Response: 1536867
Conc: 21.53 ug/ml



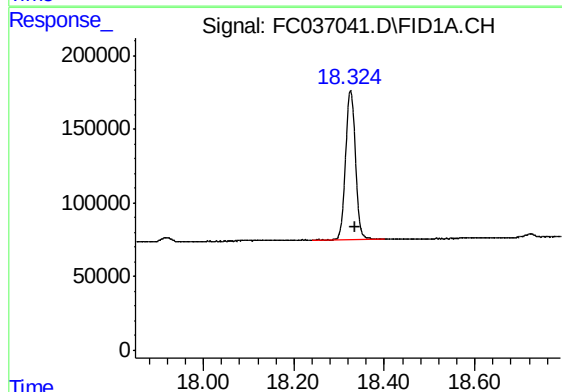
#17 n-Tricontane (C30)

R.T.: 17.496 min
Delta R.T.: -0.008 min
Response: 1513367
Conc: 19.93 ug/ml

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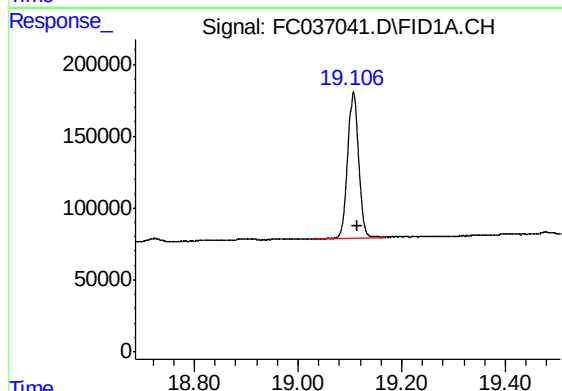
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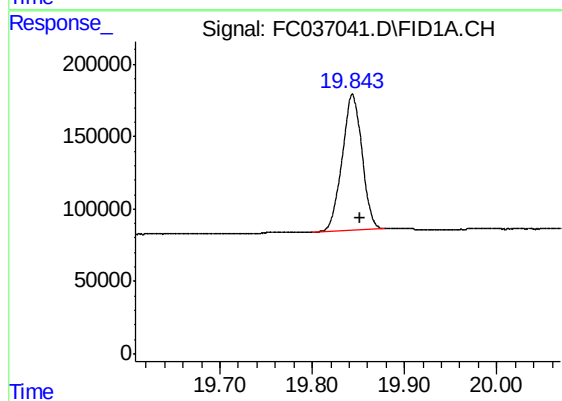
#18 n-Dotriacontane (C32)

R.T.: 18.325 min
Delta R.T.: -0.010 min
Response: 1523527
Conc: 19.00 ug/ml



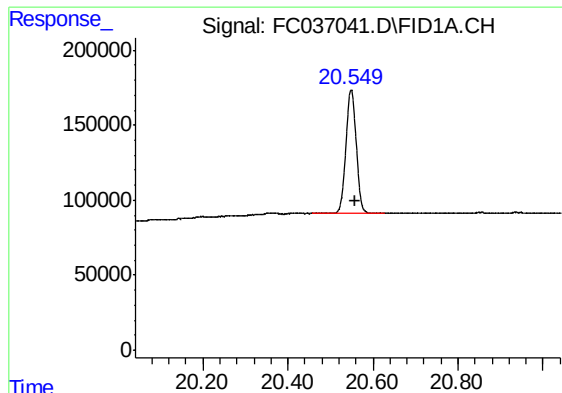
#19 n-Tetatriacontane (C34)

R.T.: 19.107 min
Delta R.T.: -0.008 min
Response: 1484349
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.843 min
Delta R.T.: -0.008 min
Response: 1403613
Conc: 20.50 ug/ml m



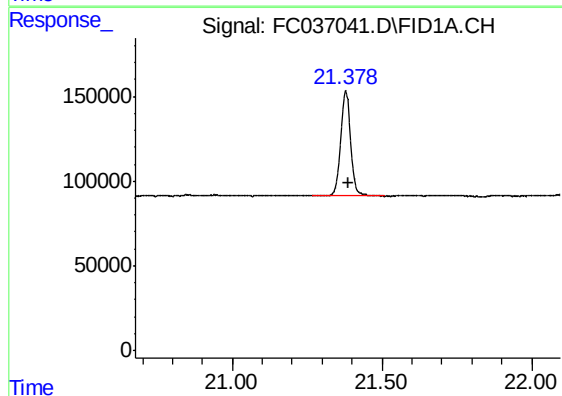
#21 n-Octatriacontane (C38)

R.T.: 20.549 min
Delta R.T.: -0.010 min
Response: 1387441
Conc: 20.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.379 min
Delta R.T.: -0.010 min
Response: 1434909
Conc: 21.58 ug/ml