

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122618AL\
 Data File : FC038391.D
 Signal(s) : FID1A.CH
 Acq On : 26 Dec 2018 9:26
 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
 12/27/2018 11:58:28 AM

Integration File: autoint1.e
 Quant Time: Dec 26 09:59:34 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 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)	11.267	2351282	18.036 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
12) S 1-chlorooctadecane (S...	12.709	1778579	17.641 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.110	2063503	19.842 ug/ml
2) T n-Decane (C10)	4.166	2056594	19.637 ug/ml
3) T A~Naphthalene (C11.7)	5.725	2257053	19.214 ug/ml
4) T n-Dodecane (C12)	6.169	2090015	19.359 ug/ml
5) T A~2-methylnaphthalene...	6.772	2216928	18.867 ug/ml
6) T n-Tetradecane (C14)	7.950	2093236	18.741 ug/ml
7) T n-Hexadecane (C16)	9.539	2093701	18.149 ug/ml
8) T n-Octadecane (C18)	10.970	2081555	17.220 ug/ml
10) T n-Eicosane (C20)	12.272	2106938	17.542 ug/ml
11) T n-Heneicosane (C21)	12.880	2106814	18.156 ug/ml
13) T n-Docosane (C22)	13.463	2107346	18.234 ug/ml
14) T n-Tetracosane (C24)	14.560	2131953	18.569 ug/ml
15) T n-Hexacosane (C26)	15.576	2114276	18.795 ug/ml
16) T n-Octacosane (C28)	16.522	2135585	19.000 ug/ml
17) T n-Tricontane (C30)	17.405	2085811	19.005 ug/ml
18) T n-Dotriacontane (C32)	18.233	1961813	19.154 ug/ml
19) T n-Tetratriacontane (C34)	19.014	1680656	19.071 ug/ml
20) T n-Hexatriacontane (C36)	19.751	1505061	19.211 ug/ml
21) T n-Octatriacontane (C38)	20.448	1474037	19.049 ug/ml
22) T n-Tetracontane (C40)	21.246	1545600	17.687 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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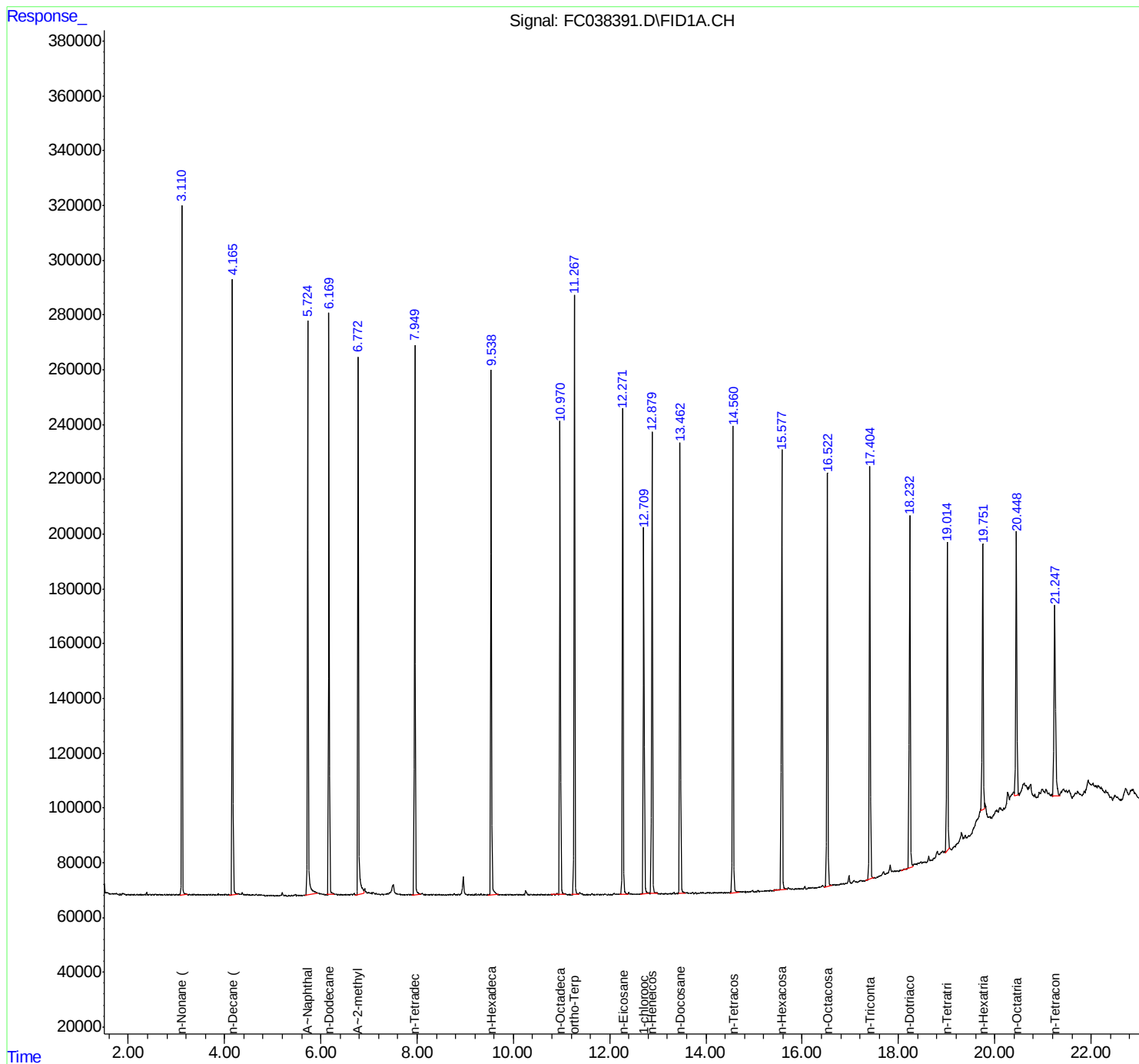
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

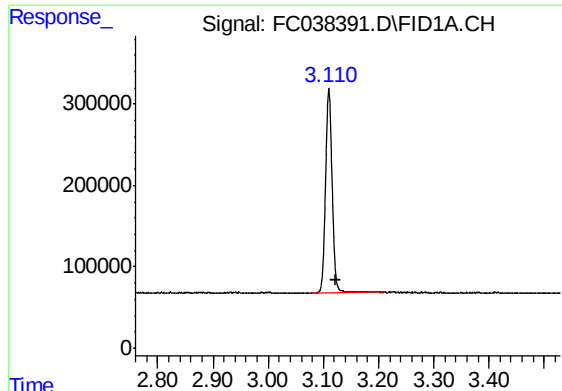
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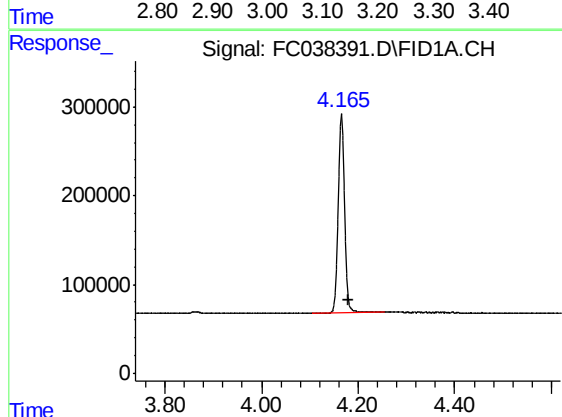
#1 n-Nonane (C9)

R.T.: 3.110 min
Delta R.T.: -0.013 min
Response: 2063503
Conc: 19.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

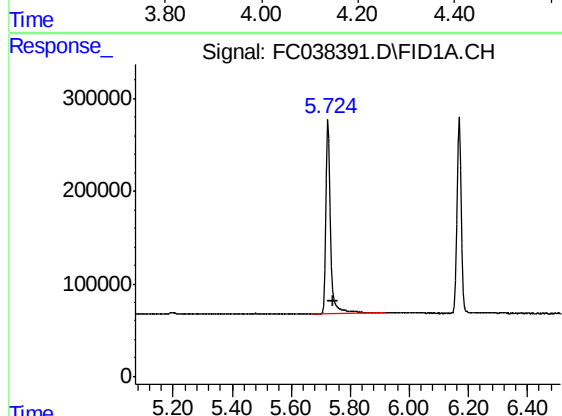
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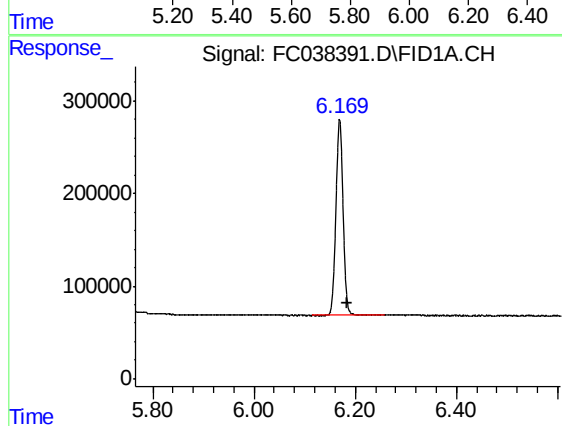
#2 n-Decane (C10)

R.T.: 4.166 min
Delta R.T.: -0.014 min
Response: 2056594
Conc: 19.64 ug/ml



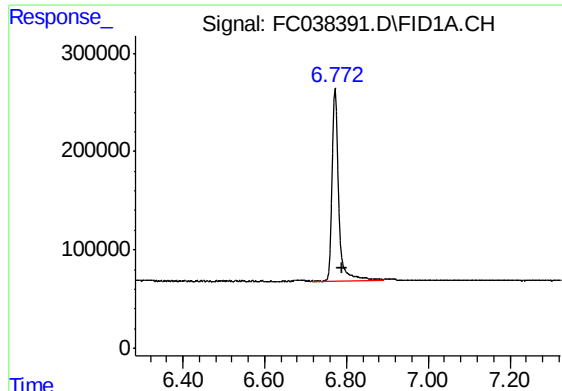
#3 A~Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.018 min
Response: 2257053
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.169 min
Delta R.T.: -0.015 min
Response: 2090015
Conc: 19.36 ug/ml



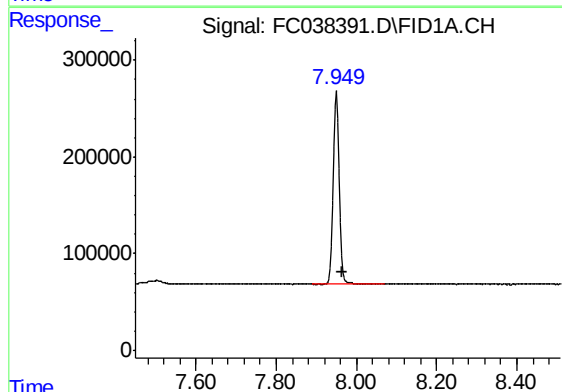
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.018 min
Response: 2216928
Conc: 18.87 ug/ml

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20 PPM ALIPHATIC HC STD

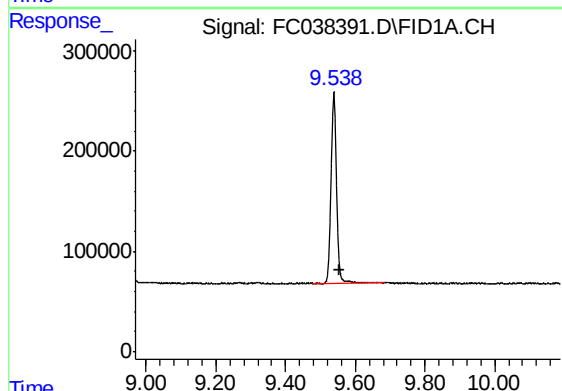
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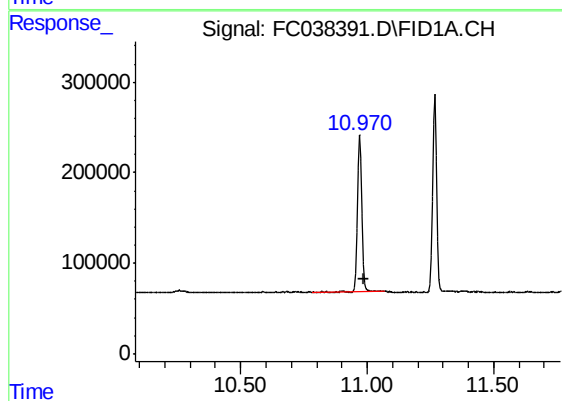
#6 n-Tetradecane (C14)

R.T.: 7.950 min
Delta R.T.: -0.015 min
Response: 2093236
Conc: 18.74 ug/ml



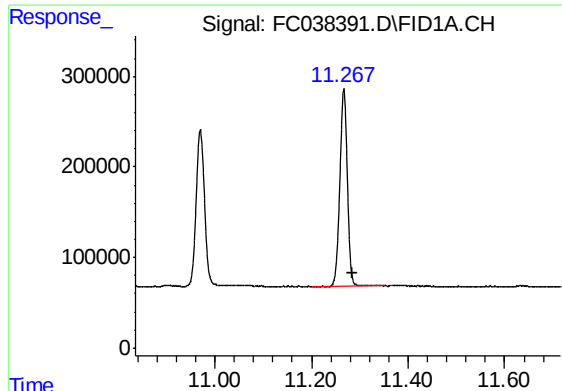
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: -0.015 min
Response: 2093701
Conc: 18.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.970 min
Delta R.T.: -0.017 min
Response: 2081555
Conc: 17.22 ug/ml



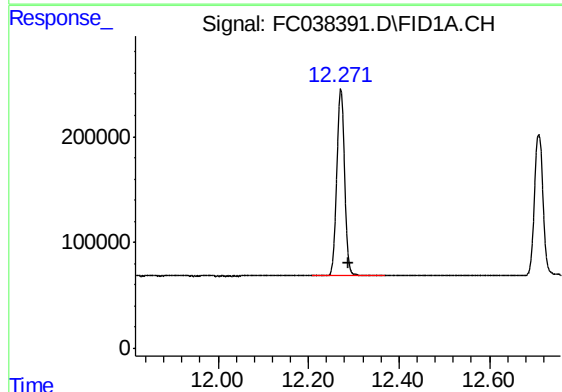
#9 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: -0.017 min
Response: 2351282
Conc: 18.04 ug/ml

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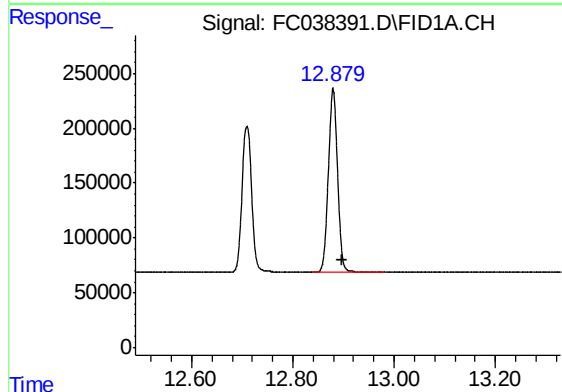
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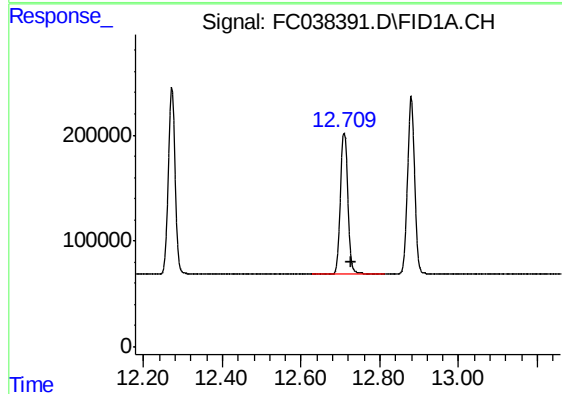
#10 n-Eicosane (C20)

R.T.: 12.272 min
Delta R.T.: -0.017 min
Response: 2106938
Conc: 17.54 ug/ml



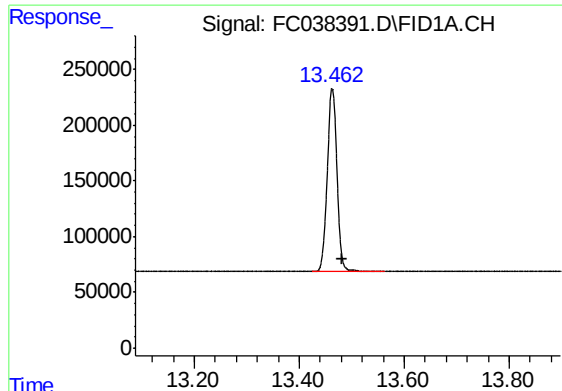
#11 n-Heneicosane (C21)

R.T.: 12.880 min
Delta R.T.: -0.018 min
Response: 2106814
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.709 min
Delta R.T.: -0.019 min
Response: 1778579
Conc: 17.64 ug/ml



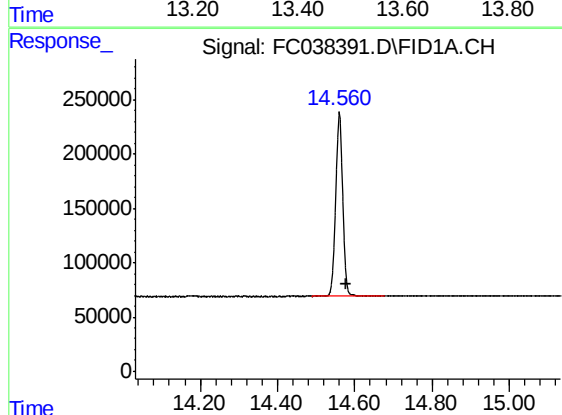
#13 n-Docosane (C22)

R.T.: 13.463 min
Delta R.T.: -0.018 min
Response: 2107346
Conc: 18.23 ug/ml

Instrument :
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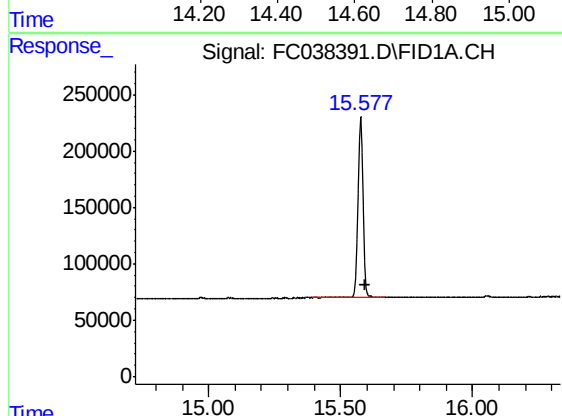
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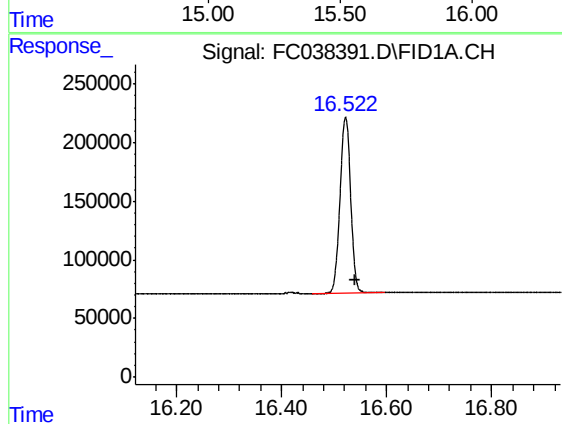
#14 n-Tetracosane (C24)

R.T.: 14.560 min
Delta R.T.: -0.019 min
Response: 2131953
Conc: 18.57 ug/ml



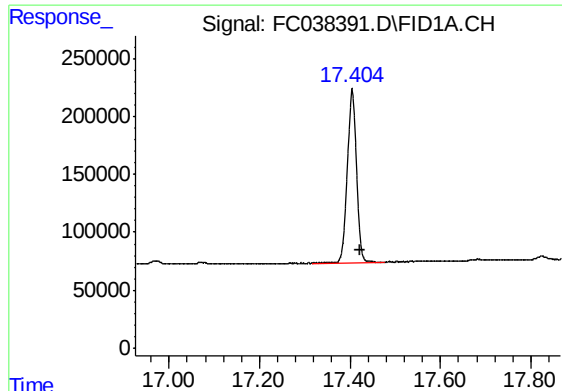
#15 n-Hexacosane (C26)

R.T.: 15.576 min
Delta R.T.: -0.018 min
Response: 2114276
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.522 min
Delta R.T.: -0.019 min
Response: 2135585
Conc: 19.00 ug/ml



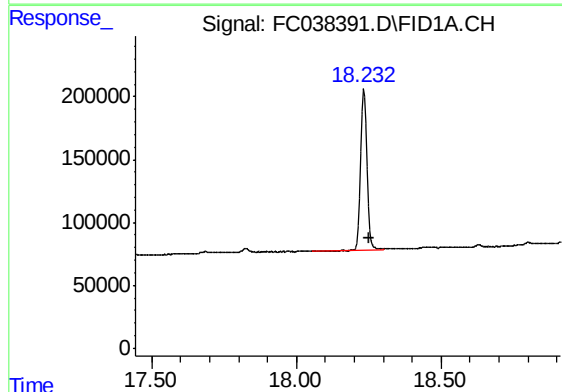
#17 n-Tricontane (C30)

R.T.: 17.405 min
Delta R.T.: -0.018 min
Response: 2085811
Conc: 19.01 ug/ml

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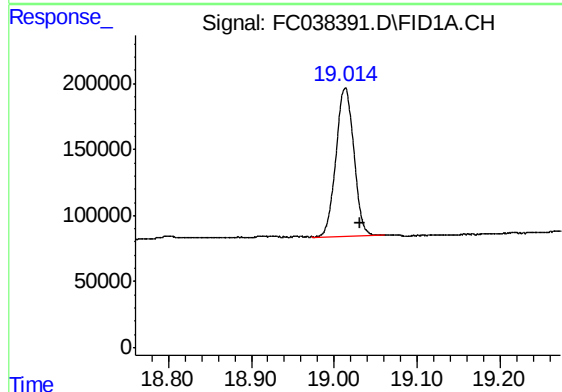
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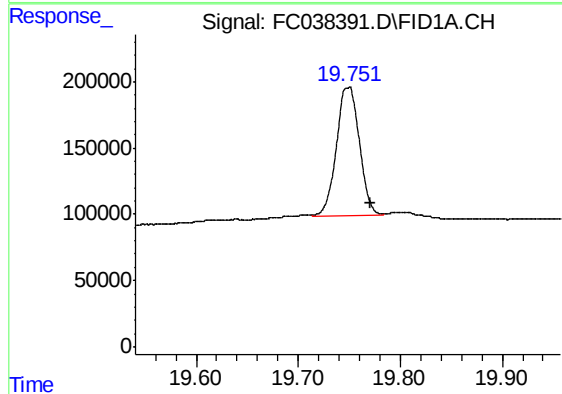
#18 n-Dotriacontane (C32)

R.T.: 18.233 min
Delta R.T.: -0.020 min
Response: 1961813
Conc: 19.15 ug/ml



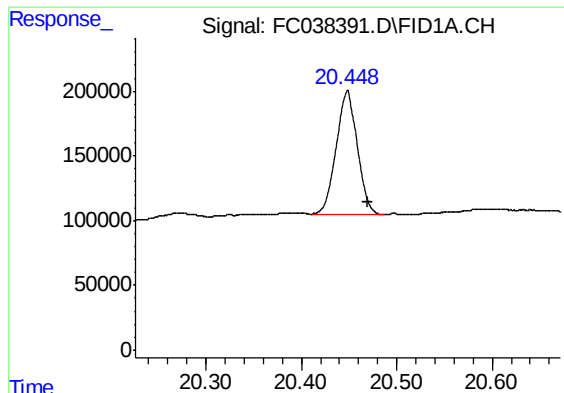
#19 n-Tetatriacontane (C34)

R.T.: 19.014 min
Delta R.T.: -0.018 min
Response: 1680656
Conc: 19.07 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.751 min
Delta R.T.: -0.019 min
Response: 1505061
Conc: 19.21 ug/ml m



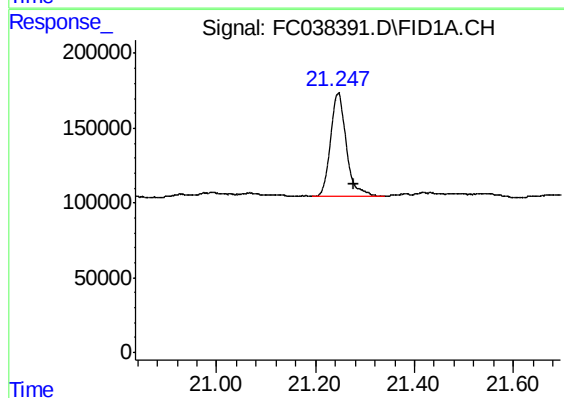
#21 n-Octatriacontane (C38)

R.T.: 20.448 min
Delta R.T.: -0.022 min
Response: 1474037
Conc: 19.05 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.246 min
Delta R.T.: -0.033 min
Response: 1545600
Conc: 17.69 ug/ml