

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092818AL\
 Data File : FD025791.D
 Signal(s) : FID2B.CH
 Acq On : 28 Sep 2018 10:35
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 10/1/2018 4:01:36 PM

Integration File: sample.E
 Quant Time: Sep 29 01:46:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 091718.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 18 07:25:24 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)	11.321	1757547	20.945 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
12) S 1-chlorooctadecane (S...	12.764	1192694	19.535 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.132	1379905	19.718 ug/ml
2) T n-Decane (C10)	4.196	1385969	19.737 ug/ml
3) T A-Naphthalene (C11.7)	5.761	1720012	21.053 ug/ml
4) T n-Dodecane (C12)	6.209	1371305	19.841 ug/ml
5) T A~2-methylnaphthalene...	6.811	1740930	21.416 ug/mlm
6) T n-Tetradecane (C14)	7.994	1391497	19.956 ug/ml
7) T n-Hexadecane (C16)	9.587	1405516	19.936 ug/ml
8) T n-Octadecane (C18)	11.022	1407728	19.801 ug/ml
10) T n-Eicosane (C20)	12.325	1383391	19.491 ug/ml
11) T n-Heneicosane (C21)	12.934	1358032	19.790 ug/ml
13) T n-Docosane (C22)	13.518	1329017	19.680 ug/ml
14) T n-Tetracosane (C24)	14.615	1284492	19.626 ug/ml
15) T n-Hexacosane (C26)	15.631	1244933	20.039 ug/ml
16) T n-Octacosane (C28)	16.575	1223709	19.678 ug/ml
17) T n-Tricontane (C30)	17.458	1203292	17.946 ug/ml
18) T n-Dotriacontane (C32)	18.285	1212869	18.701 ug/ml
19) T n-Tetratriacontane (C34)	19.066	1164744	19.090 ug/ml
20) T n-Hexatriacontane (C36)	19.801	1101735	19.297 ug/mlm
21) T n-Octatriacontane (C38)	20.501	1051947	18.799 ug/mlm
22) T n-Tetracontane (C40)	21.306	1071102	19.337 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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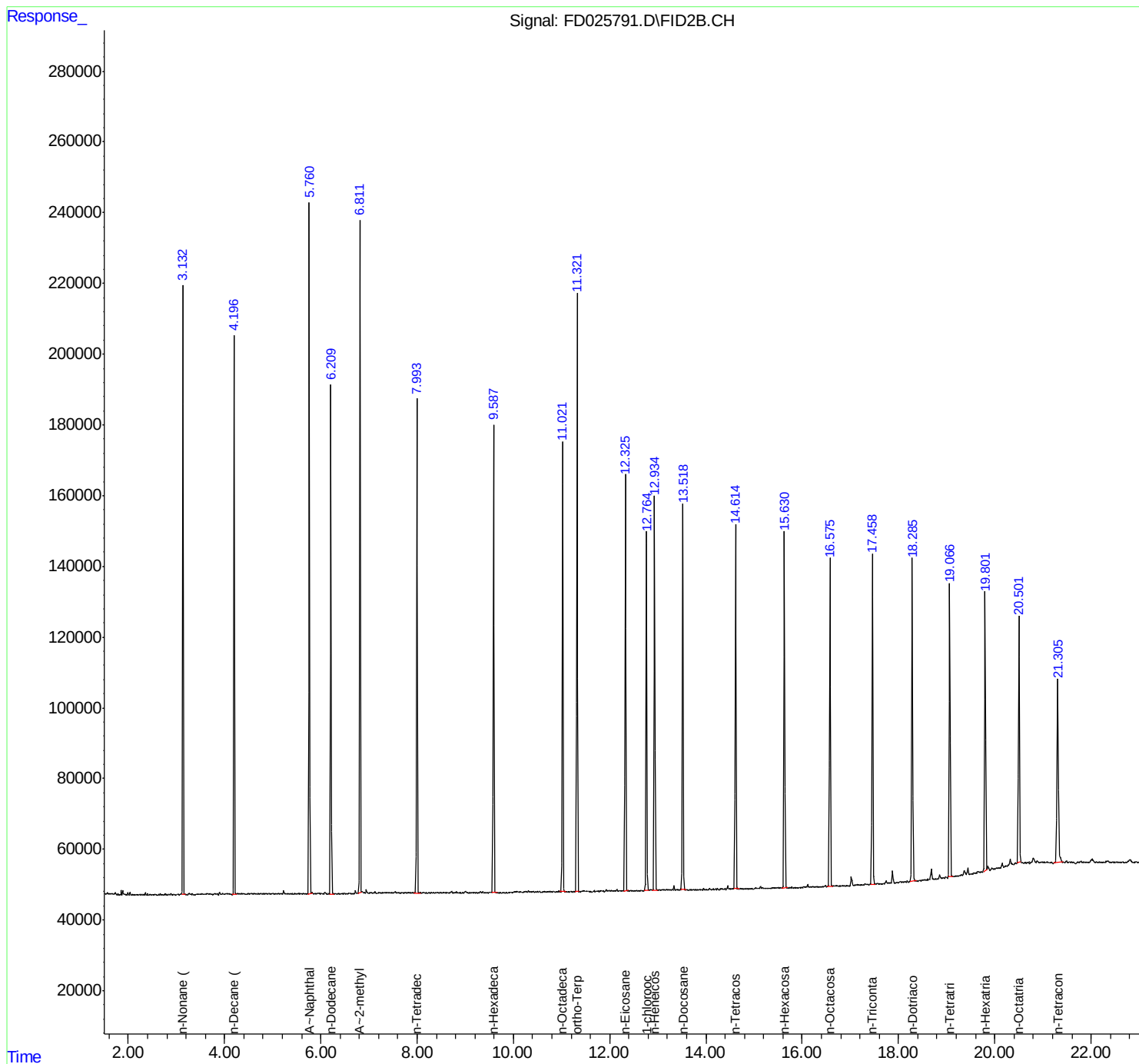
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20 PPM ALIPHATIC HC STD

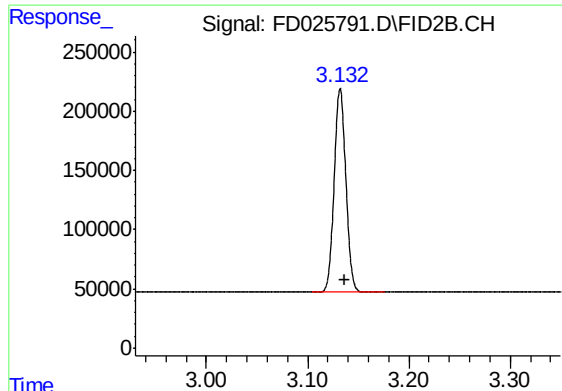
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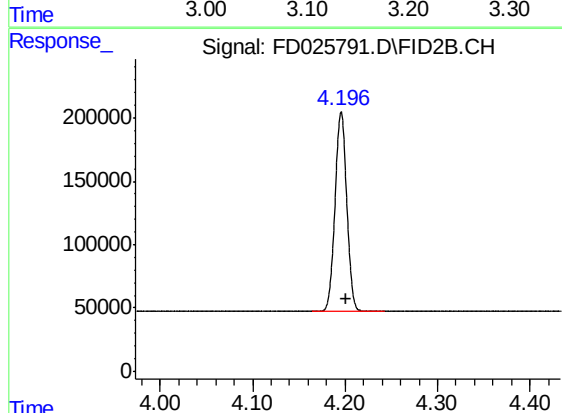
#1 n-Nonane (C9)

R.T.: 3.132 min
Delta R.T.: -0.005 min
Response: 1379905
Conc: 19.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

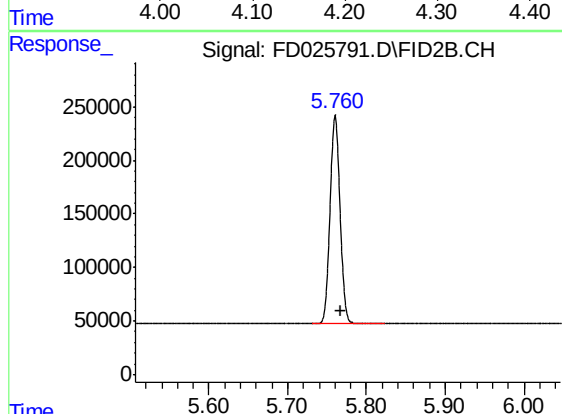
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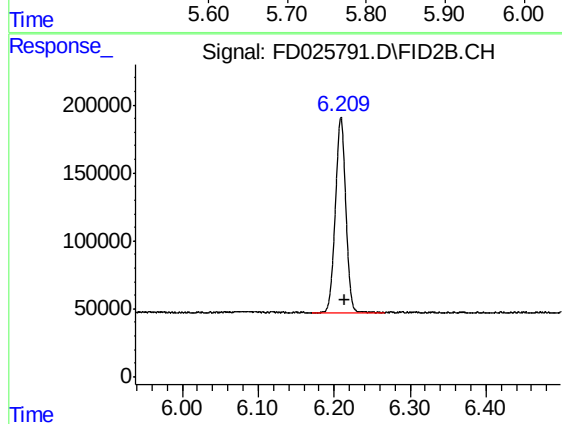
#2 n-Decane (C10)

R.T.: 4.196 min
Delta R.T.: -0.005 min
Response: 1385969
Conc: 19.74 ug/ml



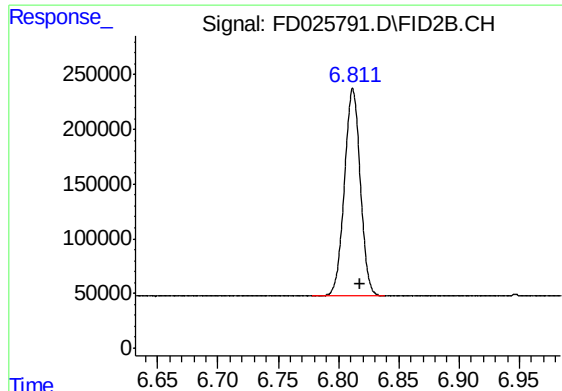
#3 A~Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: -0.006 min
Response: 1720012
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 1371305
Conc: 19.84 ug/ml



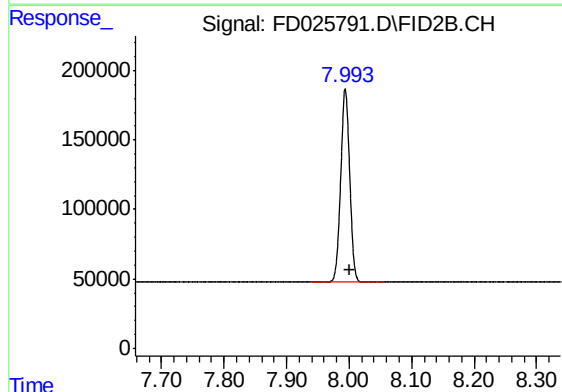
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: -0.006 min
Response: 1740930
Conc: 21.42 ug/ml m

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20 PPM ALIPHATIC HC STD

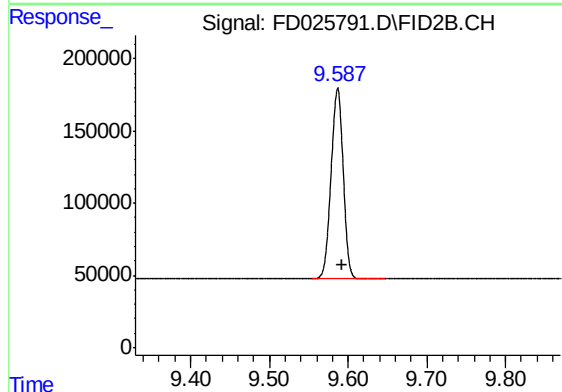
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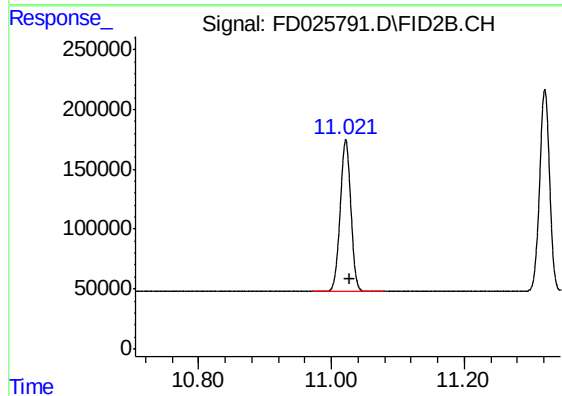
#6 n-Tetradecane (C14)

R.T.: 7.994 min
Delta R.T.: -0.006 min
Response: 1391497
Conc: 19.96 ug/ml



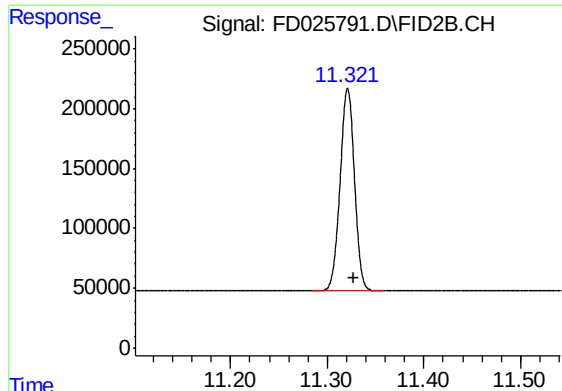
#7 n-Hexadecane (C16)

R.T.: 9.587 min
Delta R.T.: -0.006 min
Response: 1405516
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.022 min
Delta R.T.: -0.006 min
Response: 1407728
Conc: 19.80 ug/ml



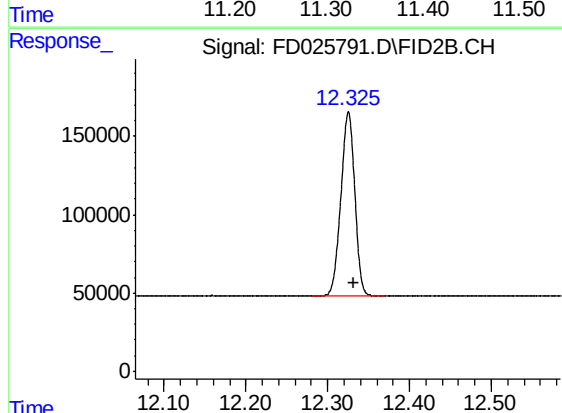
#9 ortho-Terphenyl (SURR)

R.T.: 11.321 min
Delta R.T.: -0.007 min
Response: 1757547
Conc: 20.95 ug/ml

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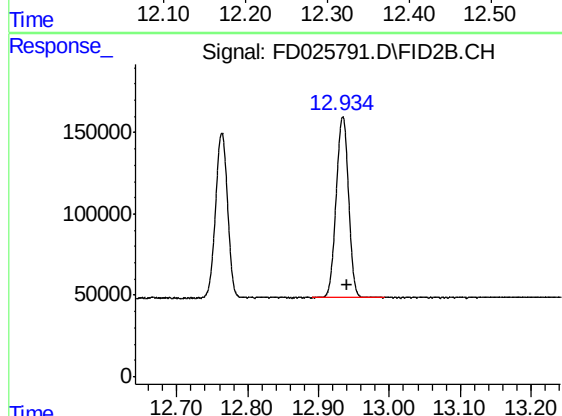
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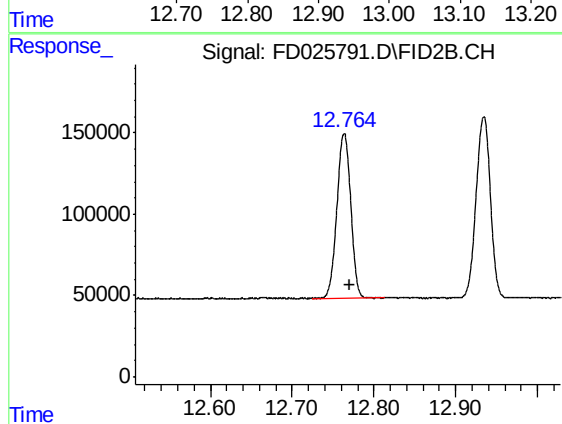
#10 n-Eicosane (C20)

R.T.: 12.325 min
Delta R.T.: -0.006 min
Response: 1383391
Conc: 19.49 ug/ml



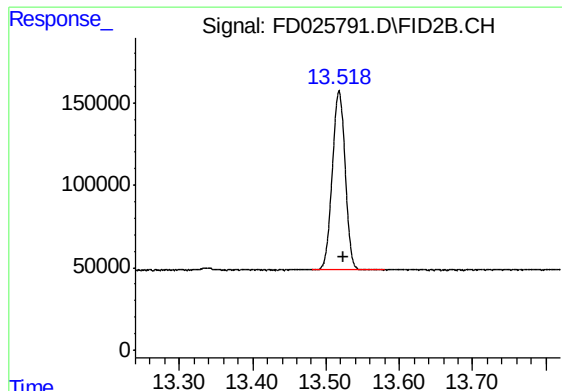
#11 n-Heneicosane (C21)

R.T.: 12.934 min
Delta R.T.: -0.006 min
Response: 1358032
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.764 min
Delta R.T.: -0.007 min
Response: 1192694
Conc: 19.53 ug/ml



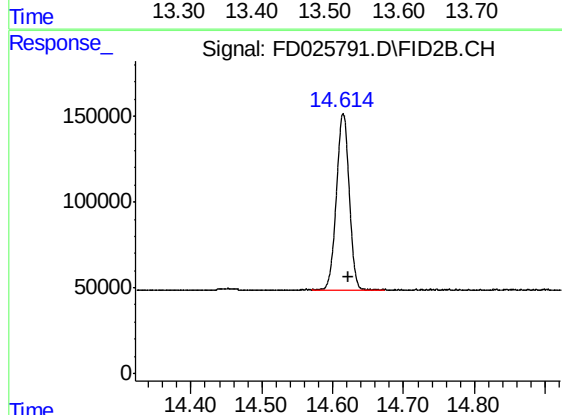
#13 n-Docosane (C22)

R.T.: 13.518 min
Delta R.T.: -0.006 min
Response: 1329017
Conc: 19.68 ug/ml

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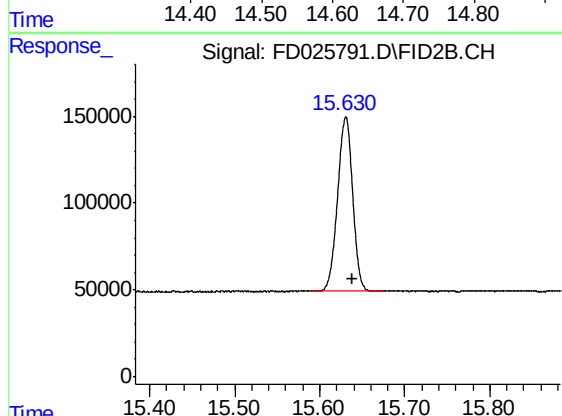
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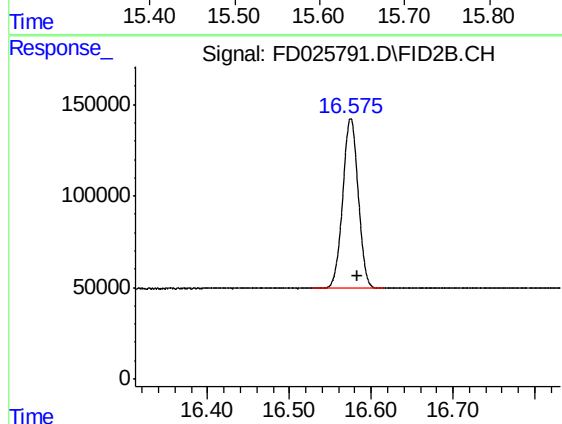
#14 n-Tetracosane (C24)

R.T.: 14.615 min
Delta R.T.: -0.007 min
Response: 1284492
Conc: 19.63 ug/ml



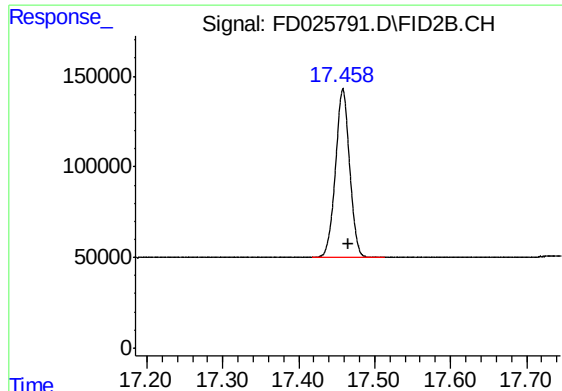
#15 n-Hexacosane (C26)

R.T.: 15.631 min
Delta R.T.: -0.007 min
Response: 1244933
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.575 min
Delta R.T.: -0.008 min
Response: 1223709
Conc: 19.68 ug/ml



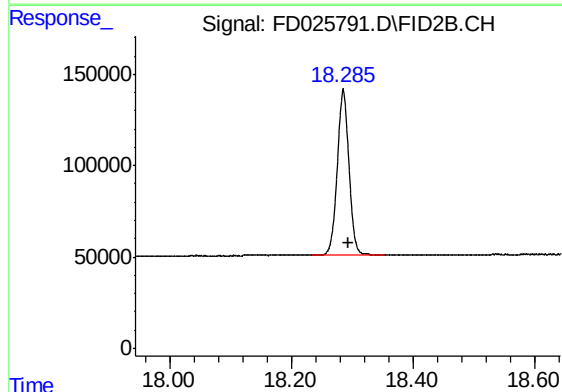
#17 n-Tricontane (C30)

R.T.: 17.458 min
Delta R.T.: -0.008 min
Response: 1203292
Conc: 17.95 ug/ml

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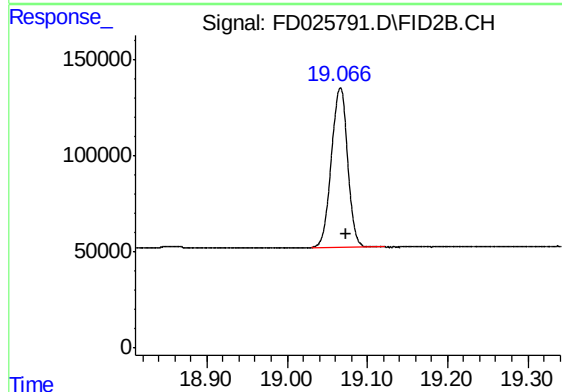
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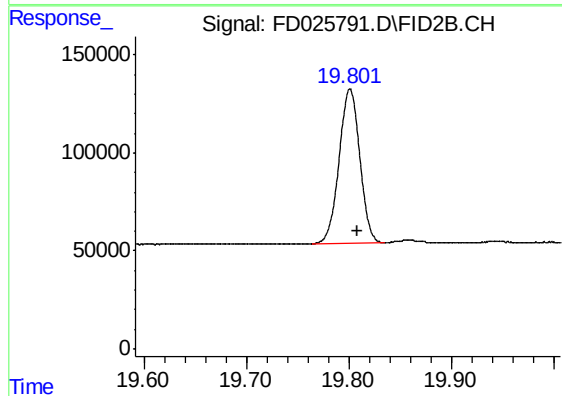
#18 n-Dotriacontane (C32)

R.T.: 18.285 min
Delta R.T.: -0.009 min
Response: 1212869
Conc: 18.70 ug/ml



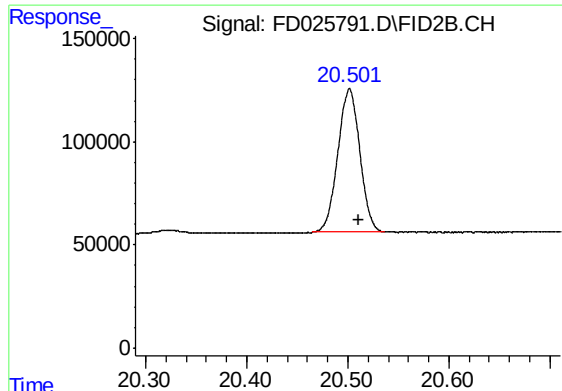
#19 n-Tetatriacontane (C34)

R.T.: 19.066 min
Delta R.T.: -0.007 min
Response: 1164744
Conc: 19.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.801 min
Delta R.T.: -0.007 min
Response: 1101735
Conc: 19.30 ug/ml m



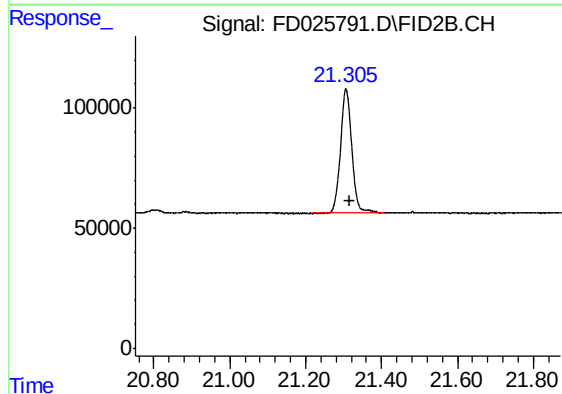
#21 n-Octatriacontane (C38)

R.T.: 20.501 min
Delta R.T.: -0.009 min
Response: 1051947
Conc: 18.80 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.306 min
Delta R.T.: -0.010 min
Response: 1071102
Conc: 19.34 ug/ml