

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092818AL\
 Data File : FD025802.D
 Signal(s) : FID2B.CH
 Acq On : 28 Sep 2018 17:05
 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 4:01:43 PM

Integration File: sample.E
 Quant Time: Sep 29 01:48:21 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)	11.320	1676112	19.975 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	12.763	1120178	18.347 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T n-Nonane (C9)	3.131	1283160	18.335 ug/ml
2) T n-Decane (C10)	4.196	1277175	18.187 ug/ml
3) T A-Naphthalene (C11.7)	5.760	1605376	19.650 ug/ml
4) T n-Dodecane (C12)	6.208	1244612	18.008 ug/ml
5) T A~2-methylnaphthalene...	6.811	1621484	19.946 ug/mlm
6) T n-Tetradecane (C14)	7.994	1252037	17.956 ug/ml
7) T n-Hexadecane (C16)	9.586	1272651	18.052 ug/ml
8) T n-Octadecane (C18)	11.021	1286634	18.098 ug/ml
10) T n-Eicosane (C20)	12.324	1284698	18.101 ug/ml
11) T n-Heneicosane (C21)	12.933	1266326	18.454 ug/ml
13) T n-Docosane (C22)	13.516	1247725	18.476 ug/ml
14) T n-Tetracosane (C24)	14.614	1221281	18.660 ug/ml
15) T n-Hexacosane (C26)	15.630	1196028	19.252 ug/ml
16) T n-Octacosane (C28)	16.575	1176759	18.923 ug/ml
17) T n-Tricontane (C30)	17.458	1149901	17.149 ug/ml
18) T n-Dotriacontane (C32)	18.286	1148418	17.707 ug/ml
19) T n-Tetratriacontane (C34)	19.065	1106116	18.129 ug/ml
20) T n-Hexatriacontane (C36)	19.799	1046468	18.329 ug/mlm
21) T n-Octatriacontane (C38)	20.501	991274	17.714 ug/mlm
22) T n-Tetracontane (C40)	21.305	991632	17.902 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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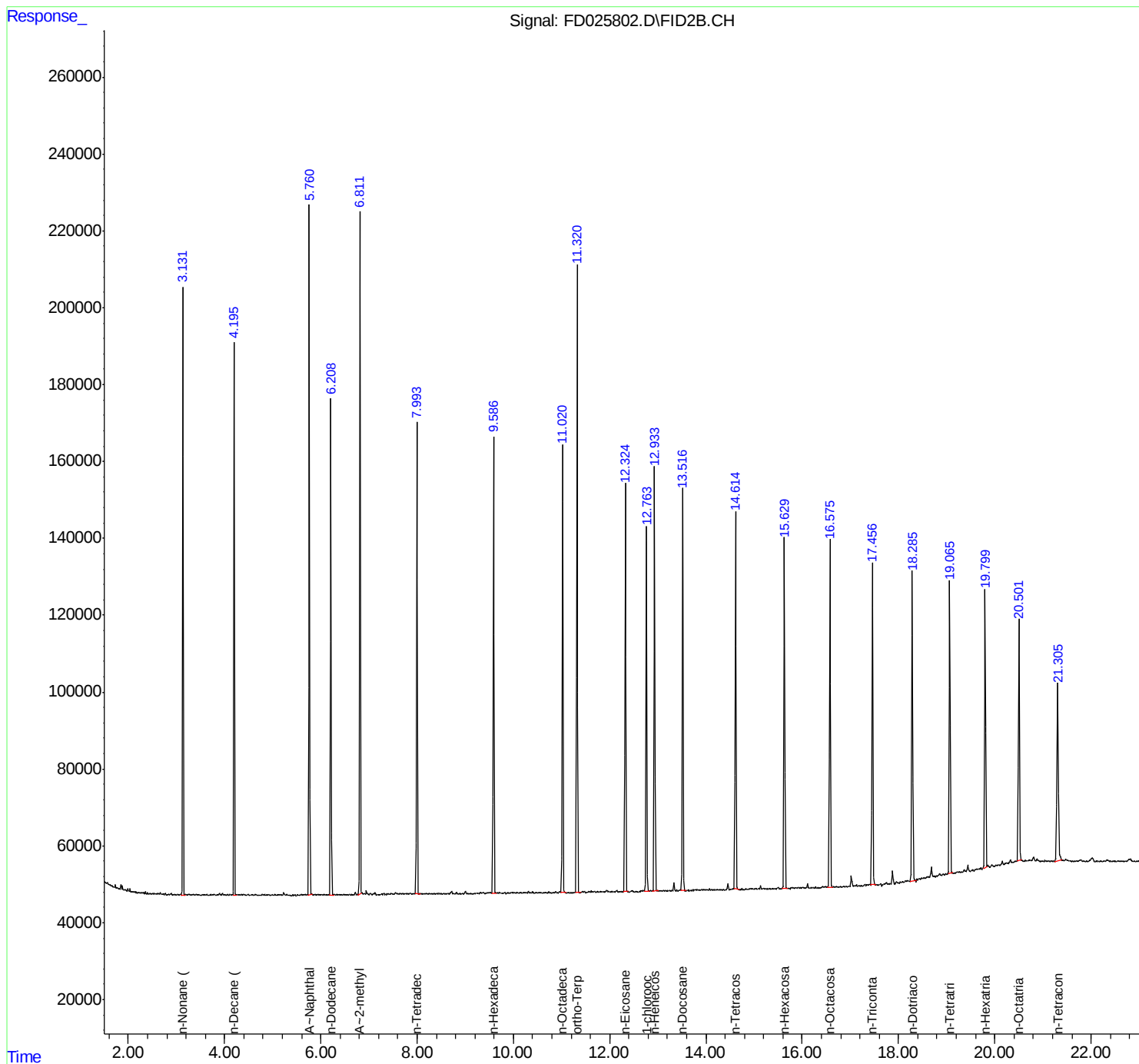
Instrument :
FID_D
Client Sample ID :
20 PPM ALIPHATIC HC STD

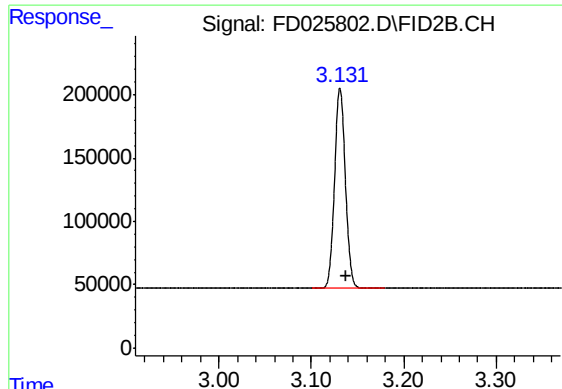
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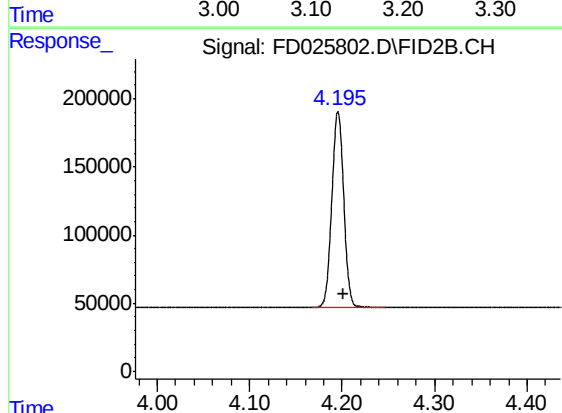
#1 n-Nonane (C9)

R.T.: 3.131 min
Delta R.T.: -0.006 min
Response: 1283160
Conc: 18.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

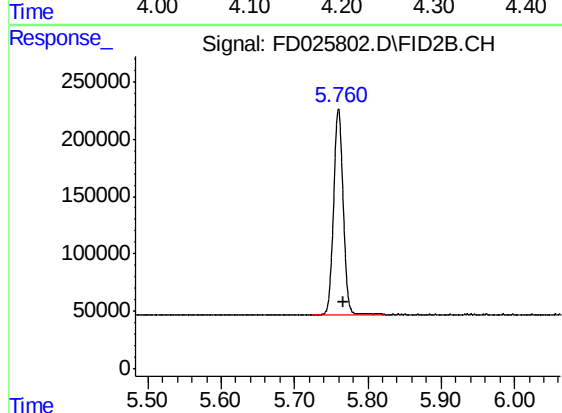
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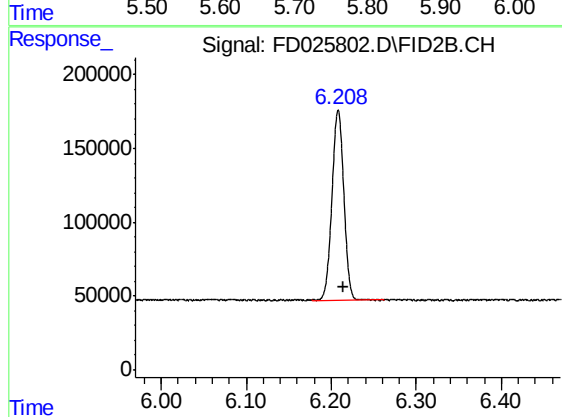
#2 n-Decane (C10)

R.T.: 4.196 min
Delta R.T.: -0.005 min
Response: 1277175
Conc: 18.19 ug/ml



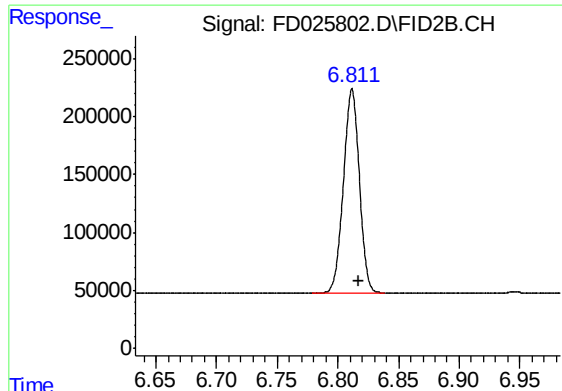
#3 A~Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: -0.007 min
Response: 1605376
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.208 min
Delta R.T.: -0.006 min
Response: 1244612
Conc: 18.01 ug/ml



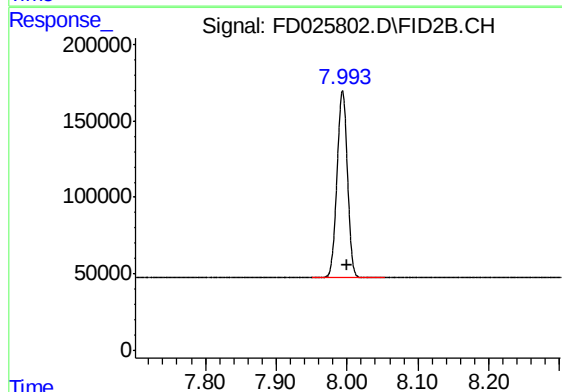
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: -0.006 min
Response: 1621484
Conc: 19.95 ug/ml m

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20 PPM ALIPHATIC HC STD

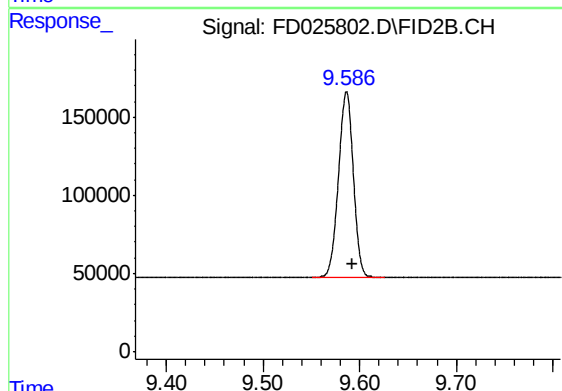
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10/1/2018 4:01:43 PM



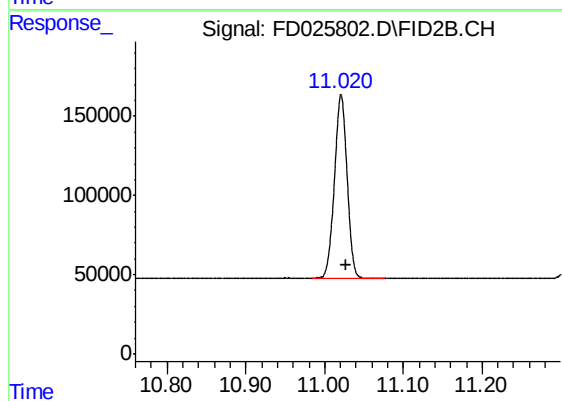
#6 n-Tetradecane (C14)

R.T.: 7.994 min
Delta R.T.: -0.007 min
Response: 1252037
Conc: 17.96 ug/ml



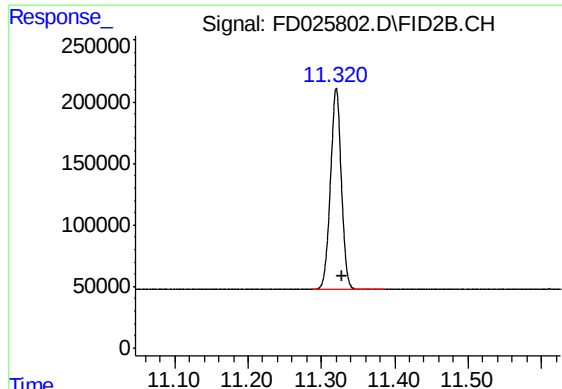
#7 n-Hexadecane (C16)

R.T.: 9.586 min
Delta R.T.: -0.006 min
Response: 1272651
Conc: 18.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.021 min
Delta R.T.: -0.007 min
Response: 1286634
Conc: 18.10 ug/ml



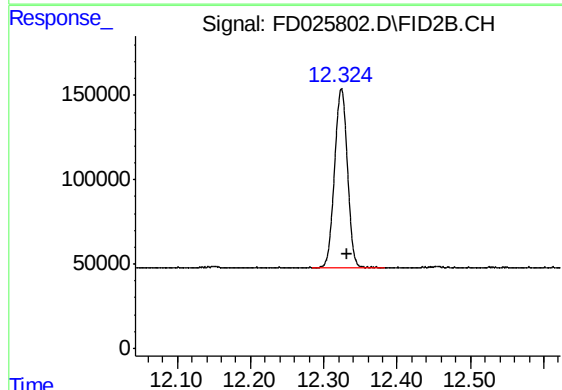
#9 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.008 min
Response: 1676112
Conc: 19.97 ug/ml

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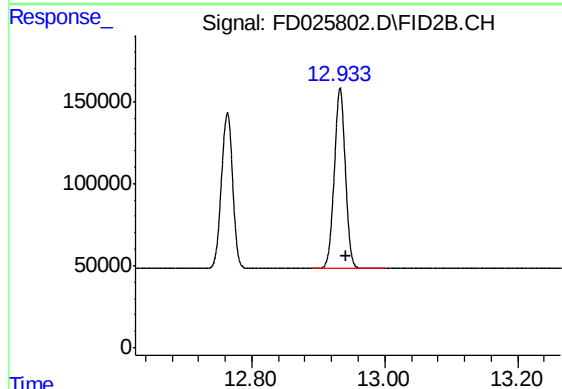
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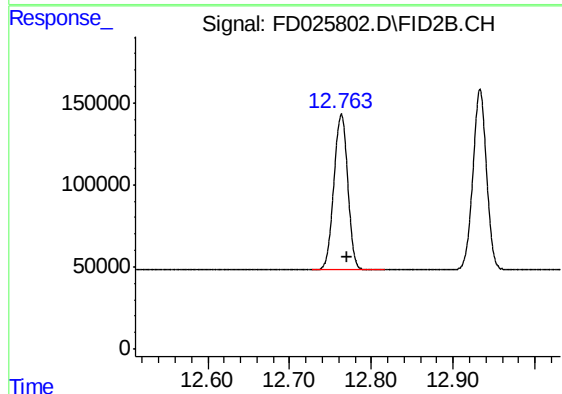
#10 n-Eicosane (C20)

R.T.: 12.324 min
Delta R.T.: -0.007 min
Response: 1284698
Conc: 18.10 ug/ml



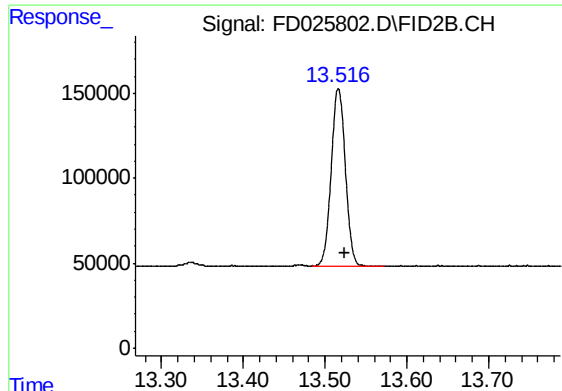
#11 n-Heneicosane (C21)

R.T.: 12.933 min
Delta R.T.: -0.008 min
Response: 1266326
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.763 min
Delta R.T.: -0.007 min
Response: 1120178
Conc: 18.35 ug/ml



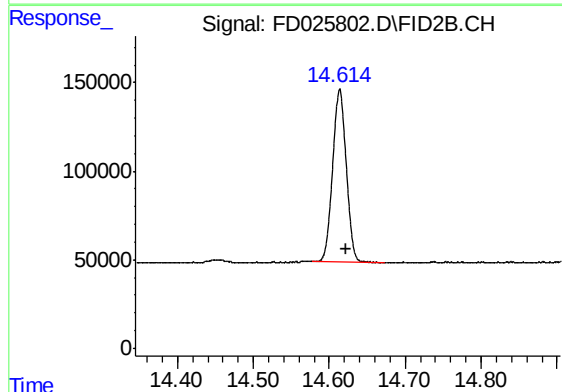
#13 n-Docosane (C22)

R.T.: 13.516 min
Delta R.T.: -0.008 min
Response: 1247725
Conc: 18.48 ug/ml

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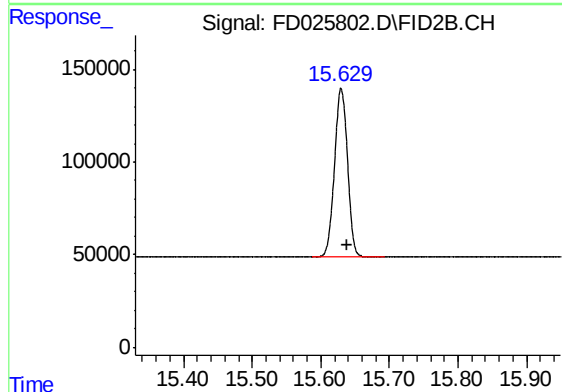
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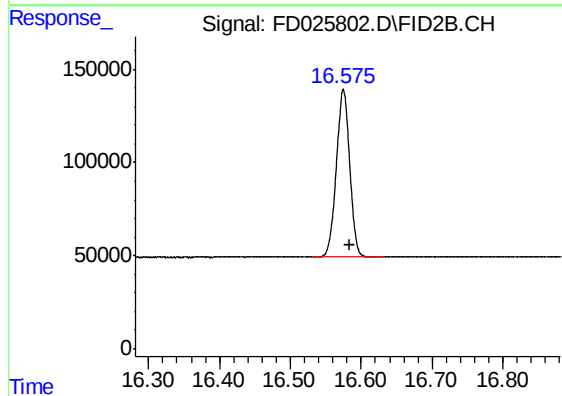
#14 n-Tetracosane (C24)

R.T.: 14.614 min
Delta R.T.: -0.008 min
Response: 1221281
Conc: 18.66 ug/ml



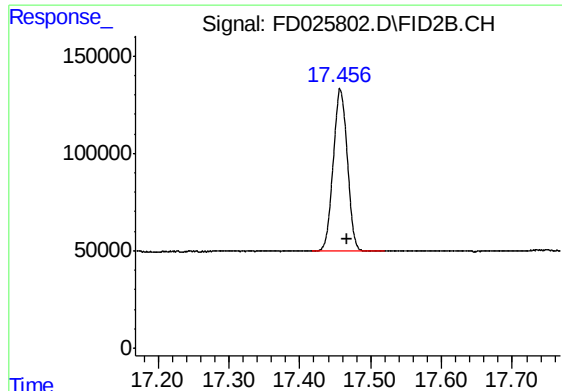
#15 n-Hexacosane (C26)

R.T.: 15.630 min
Delta R.T.: -0.008 min
Response: 1196028
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.575 min
Delta R.T.: -0.008 min
Response: 1176759
Conc: 18.92 ug/ml



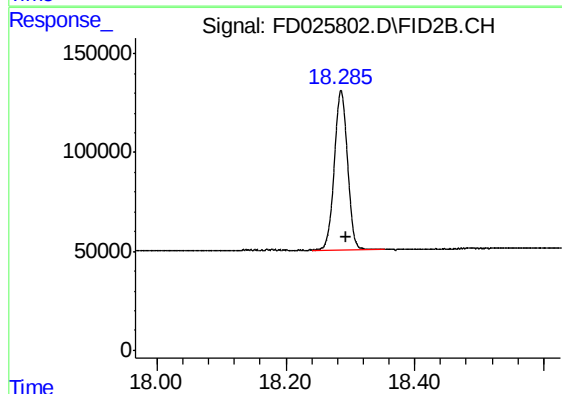
#17 n-Tricontane (C30)

R.T.: 17.458 min
Delta R.T.: -0.009 min
Response: 1149901
Conc: 17.15 ug/ml

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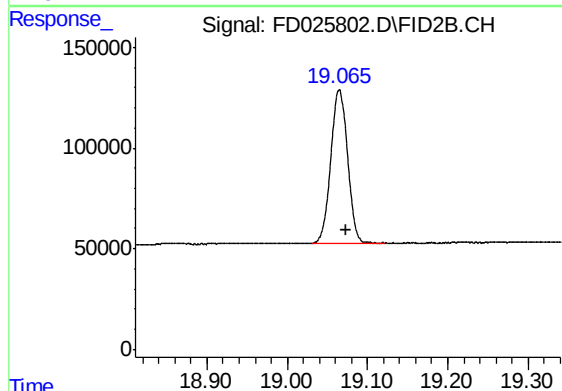
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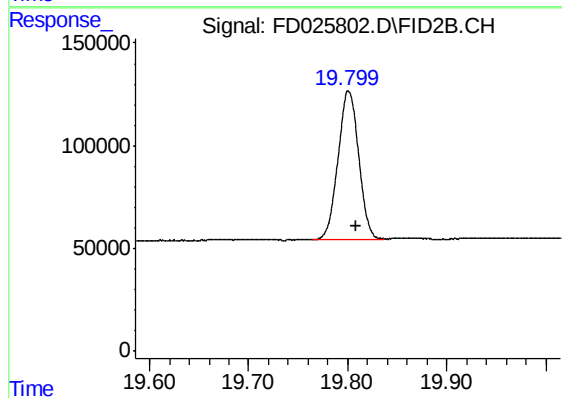
#18 n-Dotriacontane (C32)

R.T.: 18.286 min
Delta R.T.: -0.009 min
Response: 1148418
Conc: 17.71 ug/ml



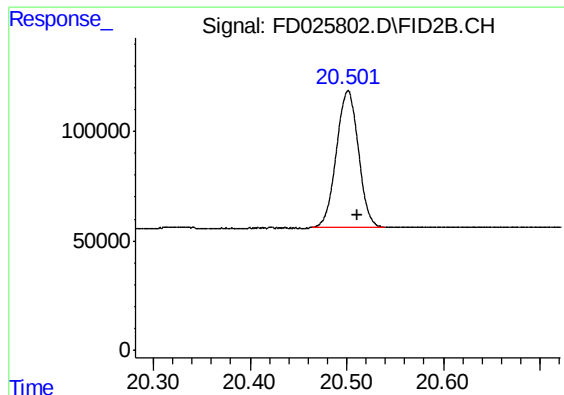
#19 n-Tetatriacontane (C34)

R.T.: 19.065 min
Delta R.T.: -0.008 min
Response: 1106116
Conc: 18.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.799 min
Delta R.T.: -0.009 min
Response: 1046468
Conc: 18.33 ug/ml m



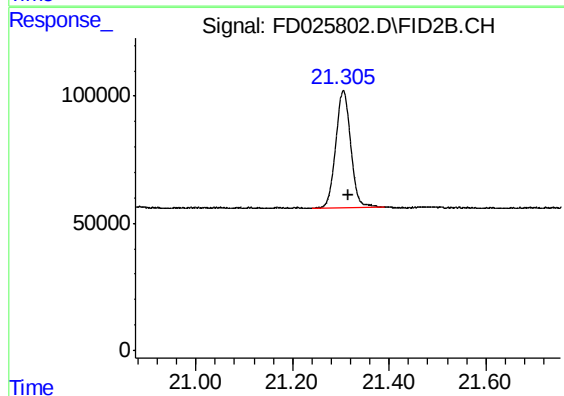
#21 n-Octatriacontane (C38)

R.T.: 20.501 min
Delta R.T.: -0.009 min
Response: 991274
Conc: 17.71 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.305 min
Delta R.T.: -0.012 min
Response: 991632
Conc: 17.90 ug/ml