

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AL\
 Data File : FD029972.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2019 16:05
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Ankita
 8/9/2019 4:03:39 PM

Integration File: autoint1.e
 Quant Time: Aug 08 16:38:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:28:05 2019
 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)	11.567	1406056	10.536 ug/ml
Spiked Amount 50.000		Recovery =	21.07%
12) S 1-chlorooctadecane (S...	12.993	1167756	10.541 ug/ml
Spiked Amount 50.000		Recovery =	21.08%
Target Compounds			
1) T n-Nonane (C9)	3.369	1226982	10.562 ug/ml
2) T n-Decane (C10)	4.430	1244031	10.540 ug/ml
3) T A-Naphthalene (C11.7)	6.009	1410807	10.582 ug/ml
4) T n-Dodecane (C12)	6.439	1246358	10.526 ug/ml
5) T A~2-methylnaphthalene...	7.060	1411665	10.494 ug/ml
6) T n-Tetradecane (C14)	8.225	1259634	10.504 ug/ml
7) T n-Hexadecane (C16)	9.817	1273447	10.467 ug/ml
8) T n-Octadecane (C18)	11.249	1308453	10.556 ug/ml
10) T n-Eicosane (C20)	12.551	1334147	10.596 ug/ml
11) T n-Heneicosane (C21)	13.158	1331517	10.584 ug/ml
13) T n-Docosane (C22)	13.741	1341918	10.622 ug/ml
14) T n-Tetracosane (C24)	14.836	1348914	10.653 ug/ml
15) T n-Hexacosane (C26)	15.850	1322397	10.619 ug/ml
16) T n-Octacosane (C28)	16.792	1298792	10.654 ug/ml
17) T n-Tricontane (C30)	17.673	1240383	10.728 ug/ml
18) T n-Dotriacontane (C32)	18.498	1149683	11.000 ug/mlm
19) T n-Tetratriacontane (C34)	19.275	902193	10.658 ug/ml
20) T n-Hexatriacontane (C36)	20.007	743626	10.377 ug/mlm
21) T n-Octatriacontane (C38)	20.725	678090	10.575 ug/ml
22) T n-Tetracontane (C40)	21.598	716835	10.871 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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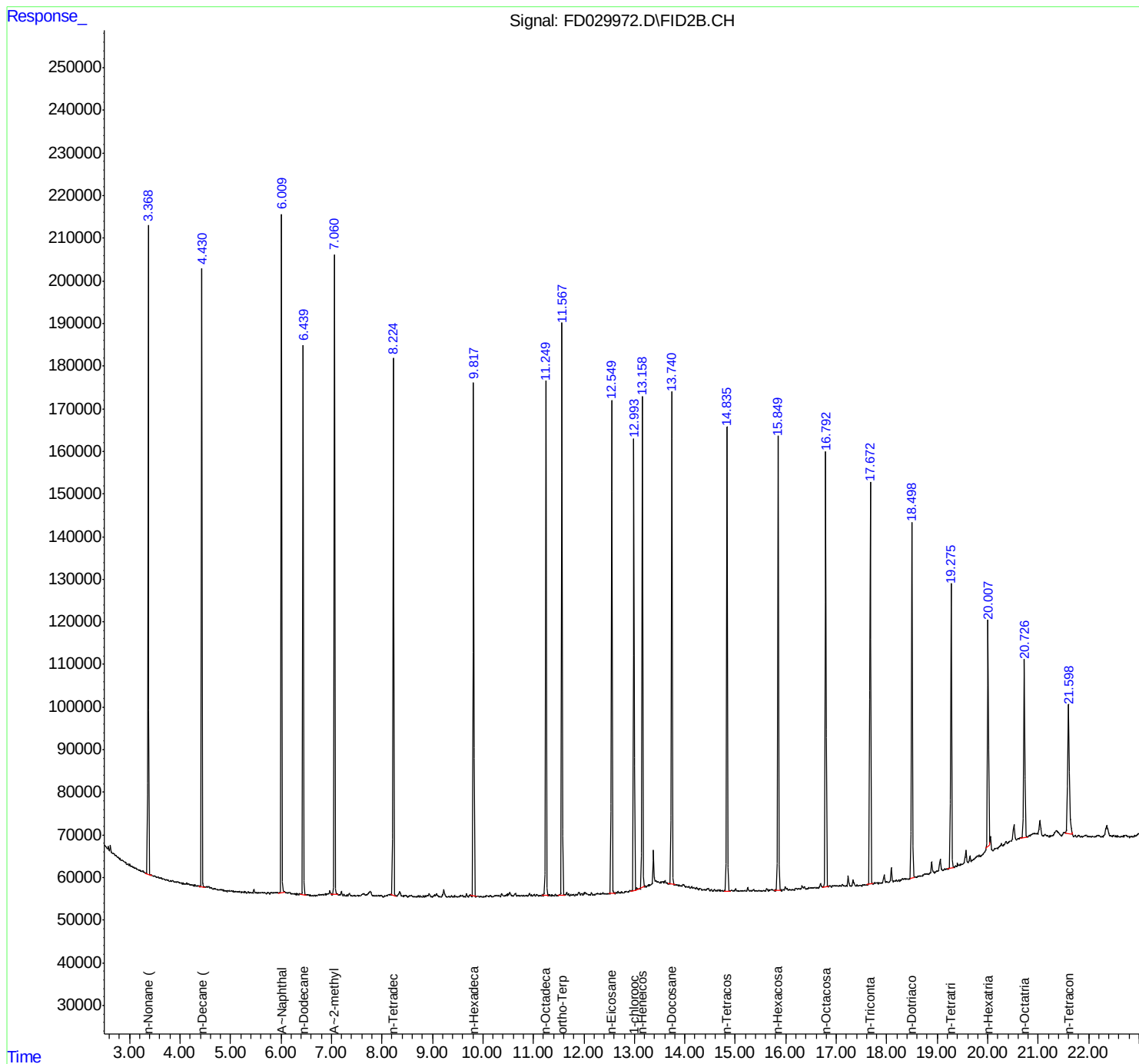
Instrument :
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10 PPM ALIPHATIC HC STD4

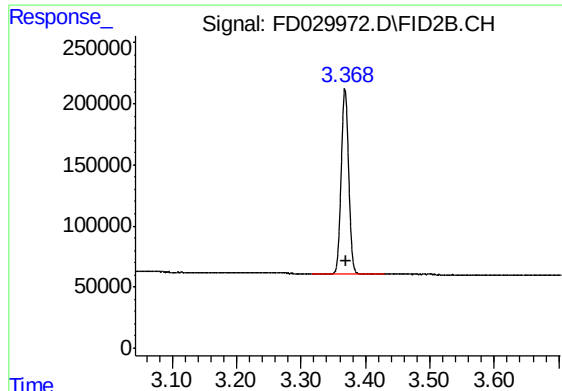
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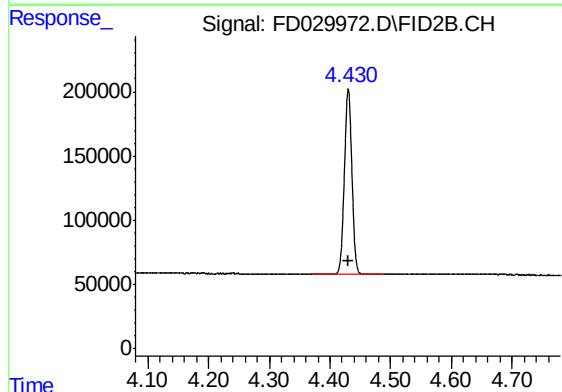
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 1226982
Conc: 10.56 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

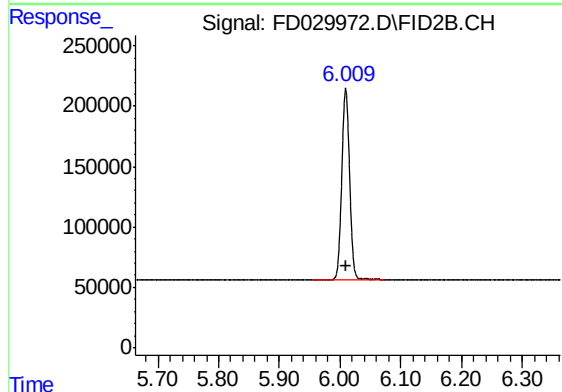
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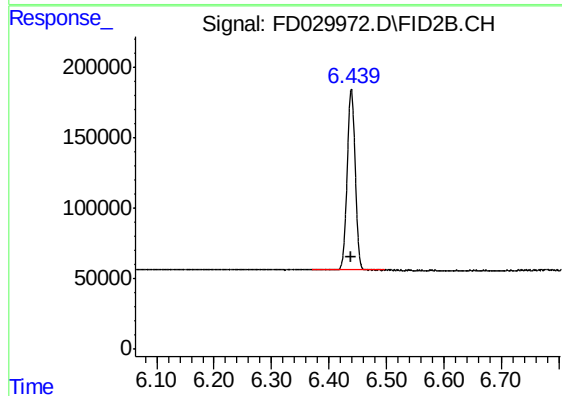
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 1244031
Conc: 10.54 ug/ml



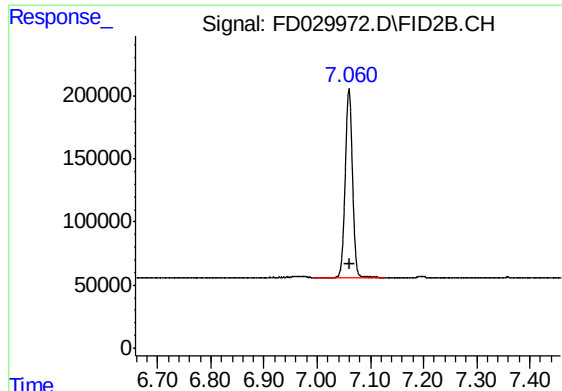
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 1410807
Conc: 10.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 1246358
Conc: 10.53 ug/ml



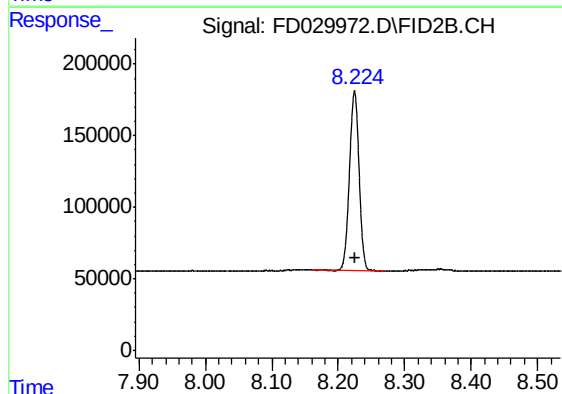
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 1411665
Conc: 10.49 ug/ml

Instrument :
FID_D
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10 PPM ALIPHATIC HC STD4

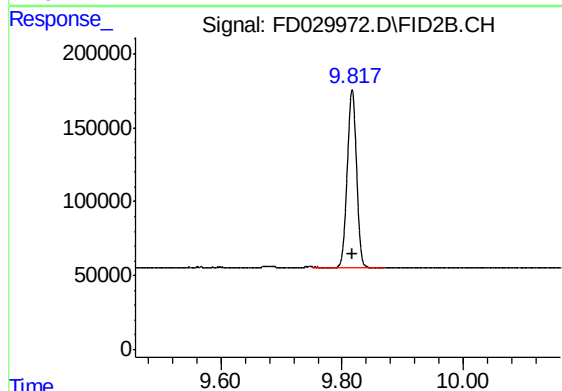
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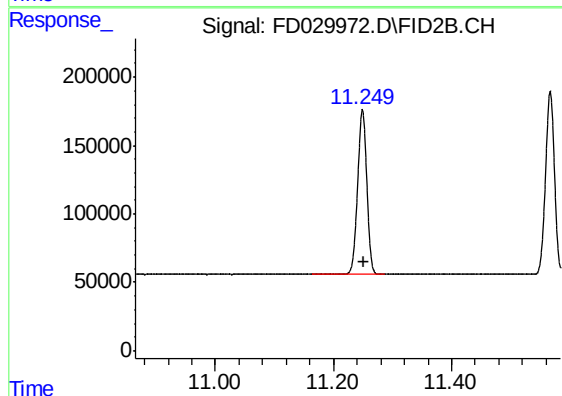
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 1259634
Conc: 10.50 ug/ml



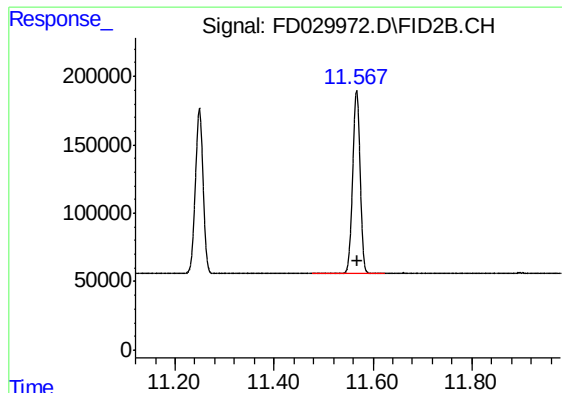
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.001 min
Response: 1273447
Conc: 10.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 1308453
Conc: 10.56 ug/ml



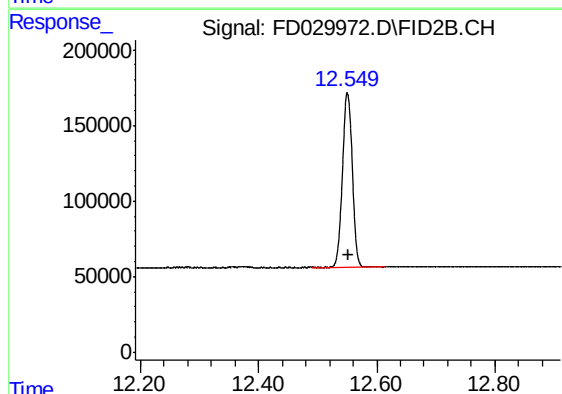
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.002 min
Response: 1406056
Conc: 10.54 ug/ml

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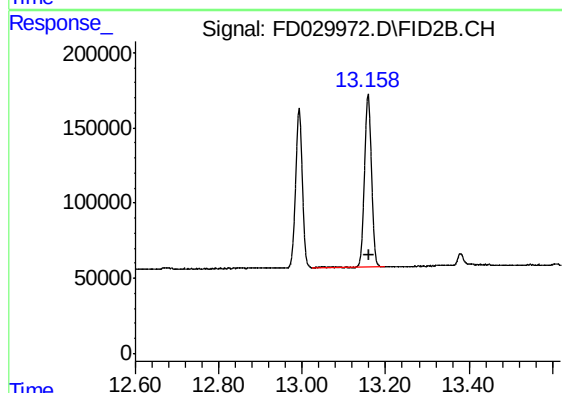
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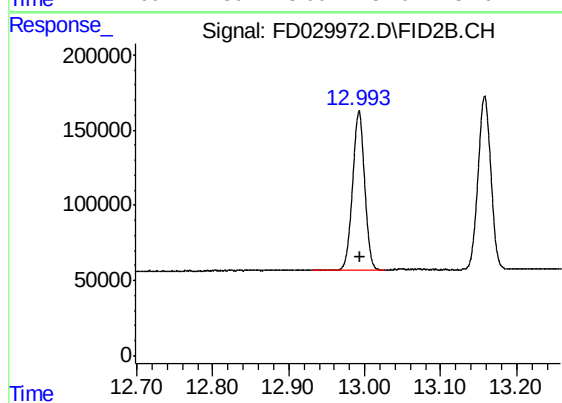
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.002 min
Response: 1334147
Conc: 10.60 ug/ml



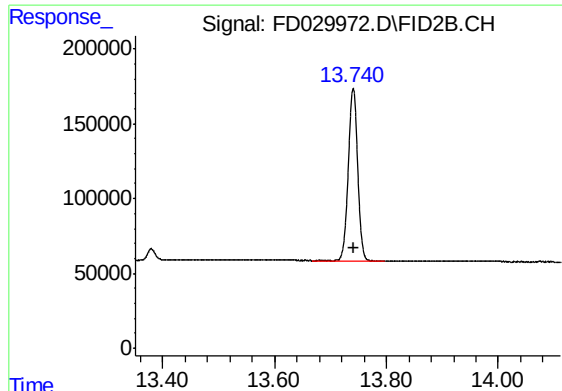
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.002 min
Response: 1331517
Conc: 10.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.002 min
Response: 1167756
Conc: 10.54 ug/ml



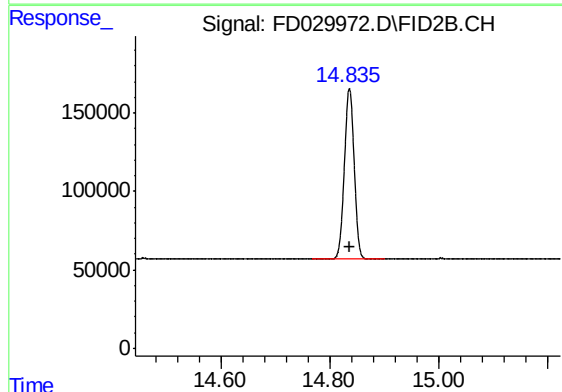
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.001 min
Response: 1341918
Conc: 10.62 ug/ml

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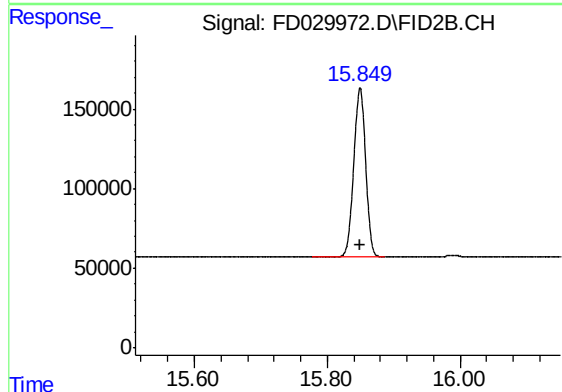
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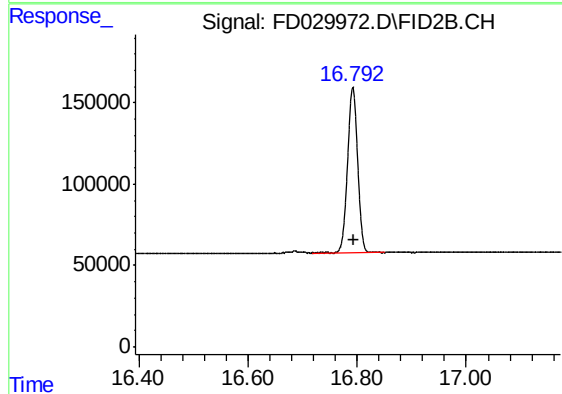
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: -0.001 min
Response: 1348914
Conc: 10.65 ug/ml



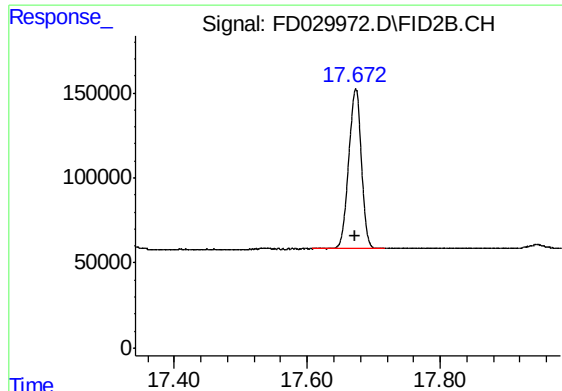
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: 0.000 min
Response: 1322397
Conc: 10.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 1298792
Conc: 10.65 ug/ml



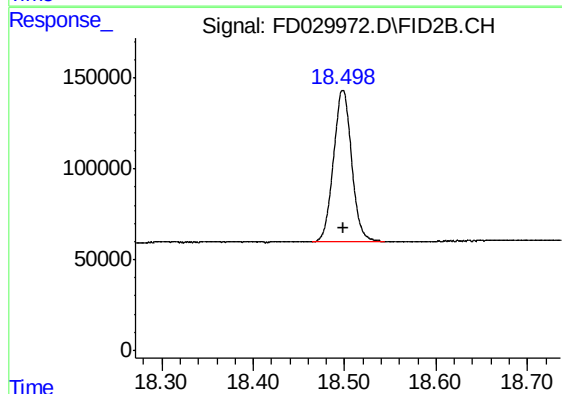
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: 0.000 min
Response: 1240383
Conc: 10.73 ug/ml

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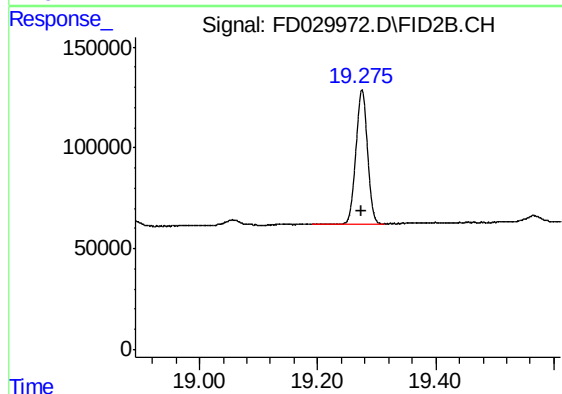
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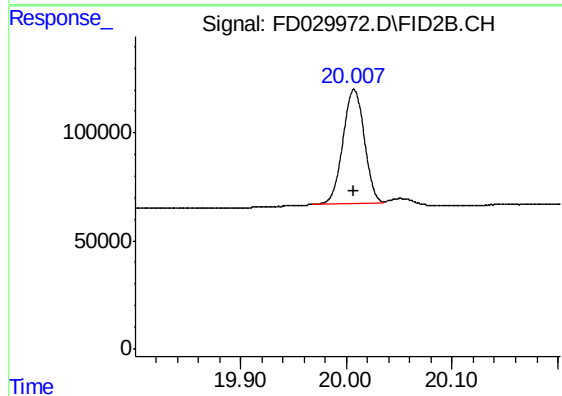
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.000 min
Response: 1149683
Conc: 11.00 ug/ml m



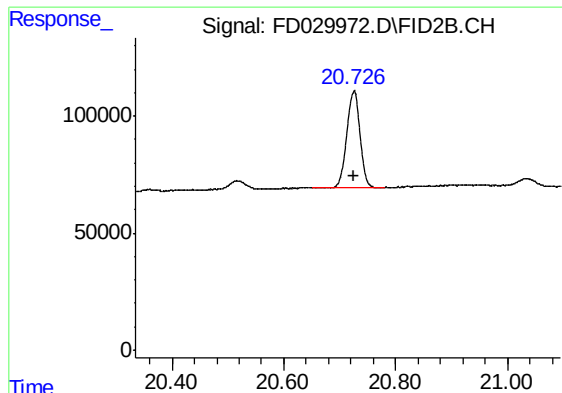
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 902193
Conc: 10.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.000 min
Response: 743626
Conc: 10.38 ug/ml m



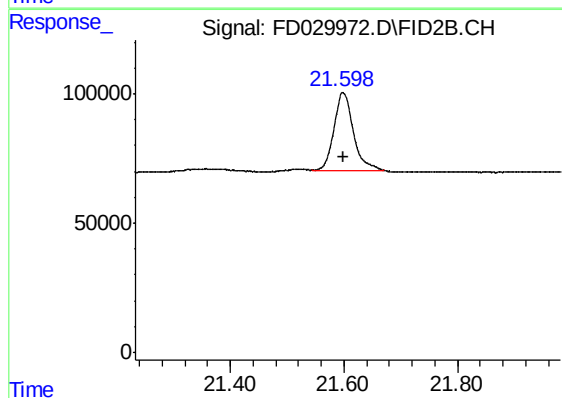
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.000 min
Response: 678090
Conc: 10.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: -0.001 min
Response: 716835
Conc: 10.87 ug/ml m