

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072621AL\
 Data File : FD038346.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2021 16:32
 Operator : AJ\MA
 Sample : M3178-03MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 1MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 27 02:21:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.406	5538589	38.316 ug/ml
Spiked Amount 50.000		Recovery =	76.63%
12) S 1-chlorooctadecane (S...	12.840	4266199	37.419 ug/ml
Spiked Amount 50.000		Recovery =	74.84%
Target Compounds			
1) T n-Nonane (C9)	3.245	7420380	61.065 ug/ml
2) T n-Decane (C10)	4.289	7868734	64.333 ug/ml
3) T A~Naphthalene (C11.7)	5.849	8287769	60.627 ug/ml
4) T n-Dodecane (C12)	6.285	8077835	64.856 ug/ml
5) T A~2-methylnaphthalene...	6.899	7831656	56.858 ug/ml
6) T n-Tetradecane (C14)	8.072	8005230	62.283 ug/ml
7) T n-Hexadecane (C16)	9.663	7848198	60.563 ug/ml
8) T n-Octadecane (C18)	11.099	7871838	58.451 ug/ml
10) T n-Eicosane (C20)	12.402	7366437	54.843 ug/ml
11) T n-Heneicosane (C21)	13.010	7221379	53.153 ug/ml
13) T n-Docosane (C22)	13.593	6976292	51.849 ug/ml
14) T n-Tetracosane (C24)	14.690	5425308	40.178 ug/ml
15) T n-Hexacosane (C26)	15.708	6398207	48.562 ug/ml
16) T n-Octacosane (C28)	16.652	6341873	48.638 ug/ml
17) T n-Tricontane (C30)	17.536	6204525	48.551 ug/ml
18) T n-Dotriacontane (C32)	18.363	6173493	50.172 ug/ml
19) T n-Tetratriacontane (C34)	19.142	5904658	50.423 ug/ml
20) T n-Hexatriacontane (C36)	19.878	5635967	51.608 ug/mlm
21) T n-Octatriacontane (C38)	20.583	5466280	54.273 ug/ml
22) T n-Tetracontane (C40)	21.409	5650267	57.771 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 58 Sample Multiplier: 1

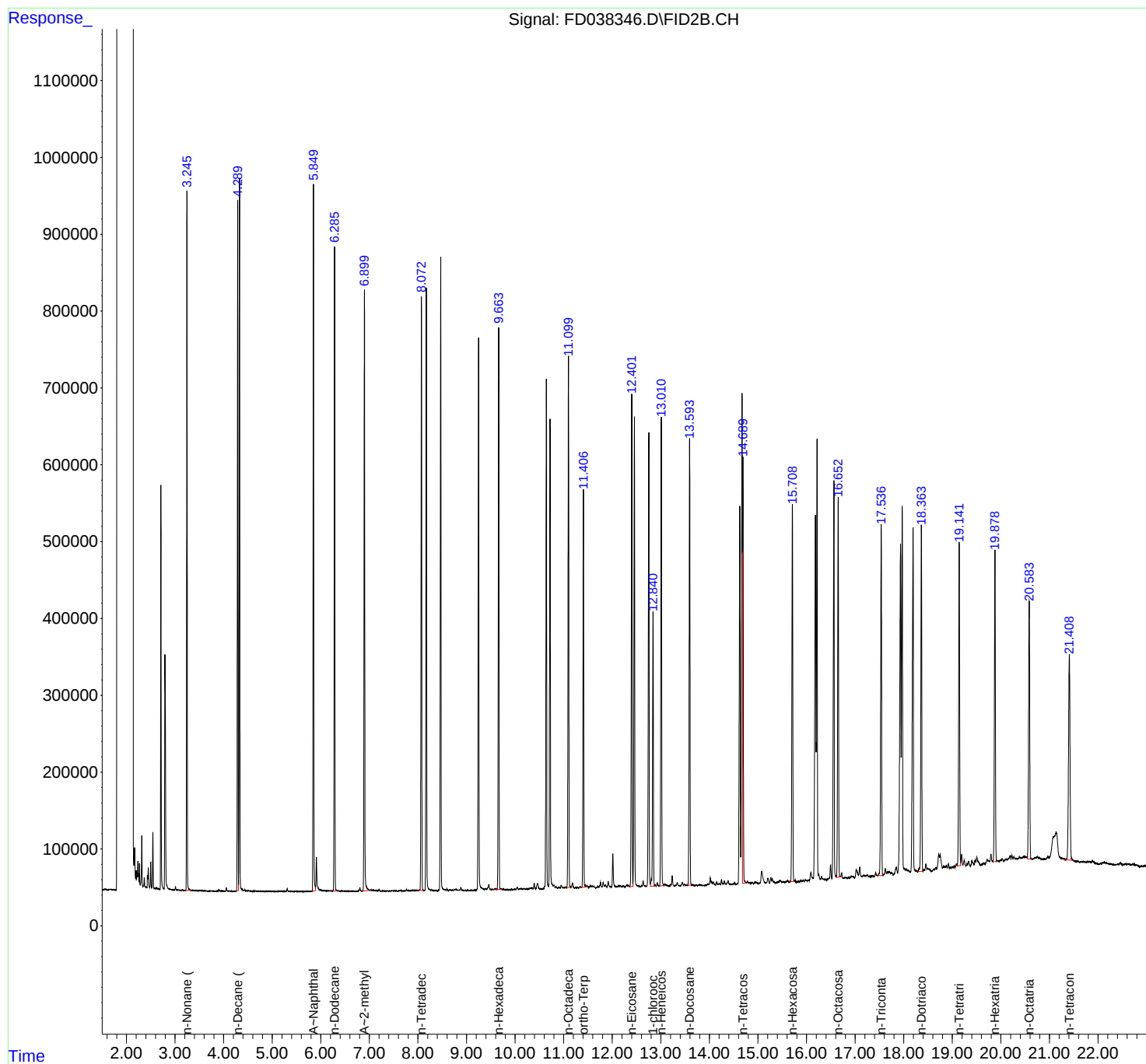
Instrument :
FID_D
ClientSampled :
1MSD

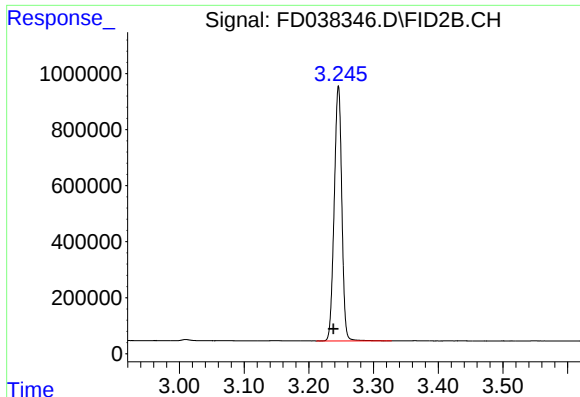
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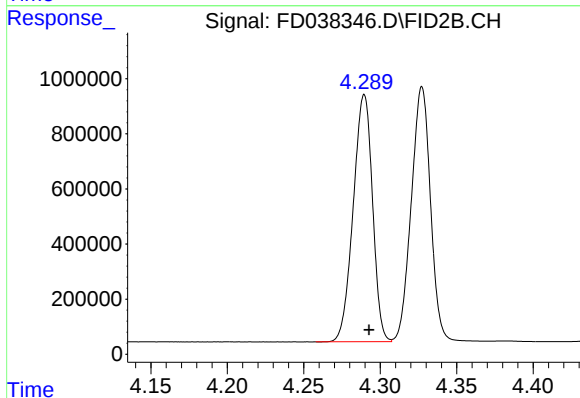
#1 n-Nonane (C9)

R.T.: 3.245 min
Delta R.T.: 0.007 min
Response: 7420380
Conc: 61.07 ug/ml

Instrument :
FID_D
ClientSampleId :
1MSD

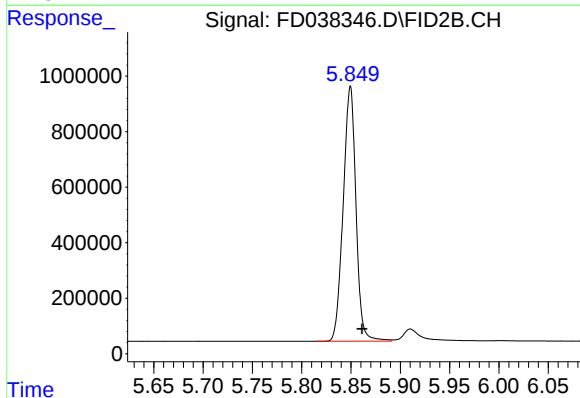
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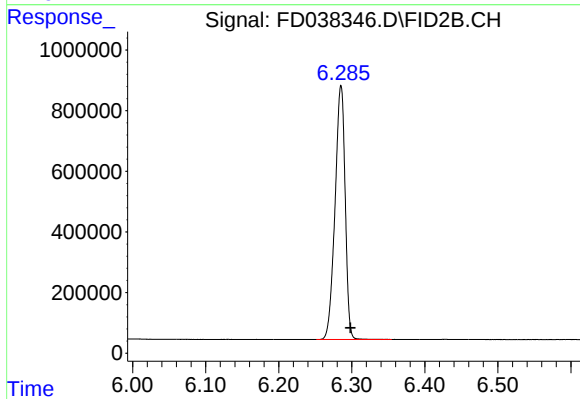
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 7868734
Conc: 64.33 ug/ml



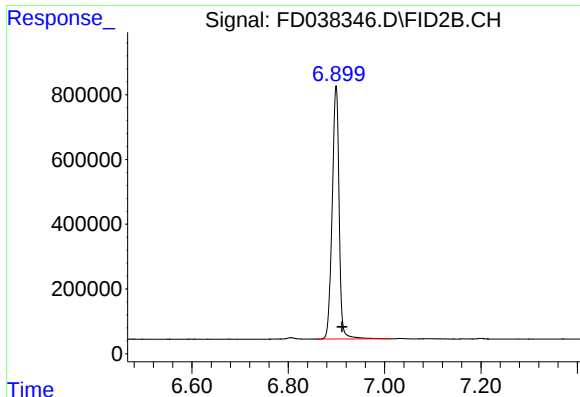
#3 A~Naphthalene (C11.7)

R.T.: 5.849 min
Delta R.T.: -0.012 min
Response: 8287769
Conc: 60.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.285 min
Delta R.T.: -0.013 min
Response: 8077835
Conc: 64.86 ug/ml



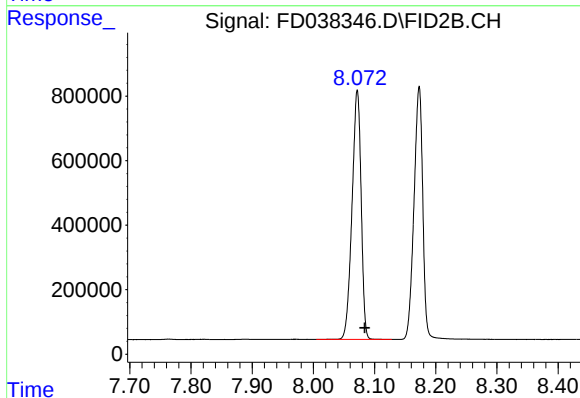
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: -0.013 min
Response: 7831656
Conc: 56.86 ug/ml

Instrument :
FID_D
ClientSampleId :
1MSD

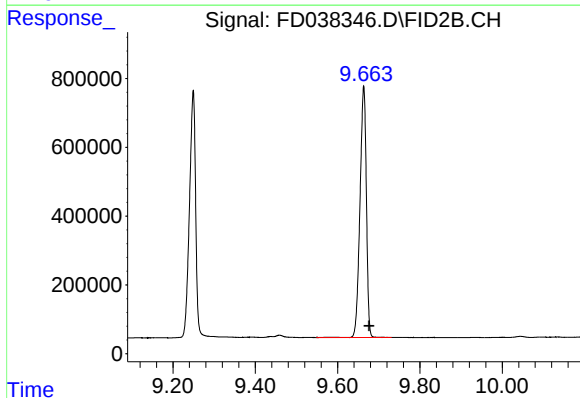
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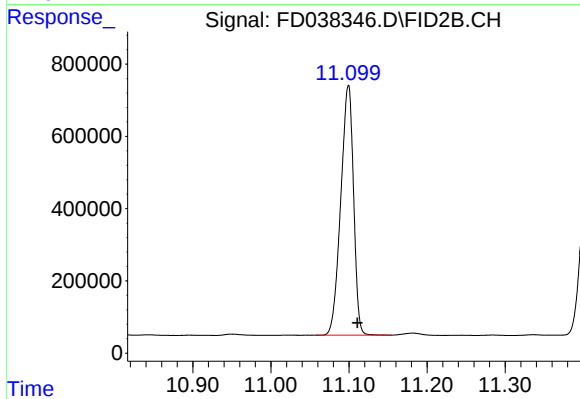
#6 n-Tetradecane (C14)

R.T.: 8.072 min
Delta R.T.: -0.012 min
Response: 8005230
Conc: 62.28 ug/ml



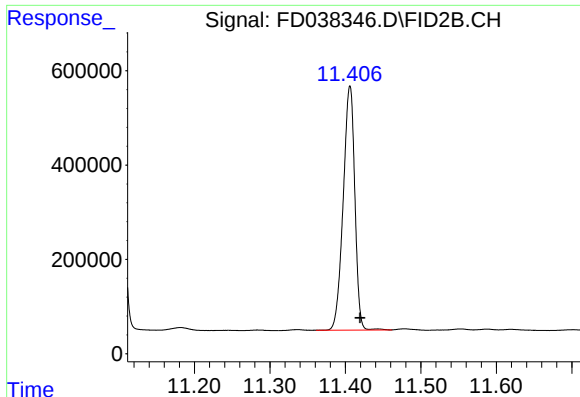
#7 n-Hexadecane (C16)

R.T.: 9.663 min
Delta R.T.: -0.013 min
Response: 7848198
Conc: 60.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.099 min
Delta R.T.: -0.012 min
Response: 7871838
Conc: 58.45 ug/ml



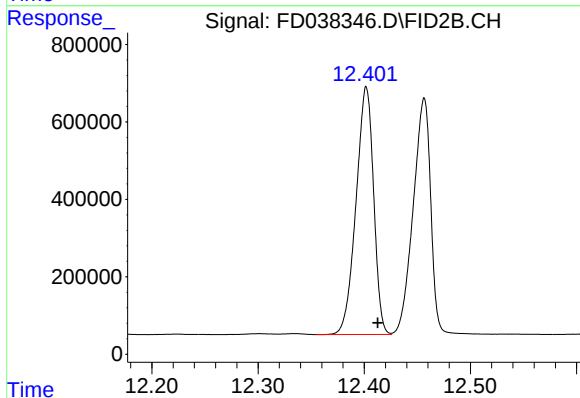
#9 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: -0.014 min
Response: 5538589
Conc: 38.32 ug/ml

Instrument :
FID_D
ClientSampleId :
1MSD

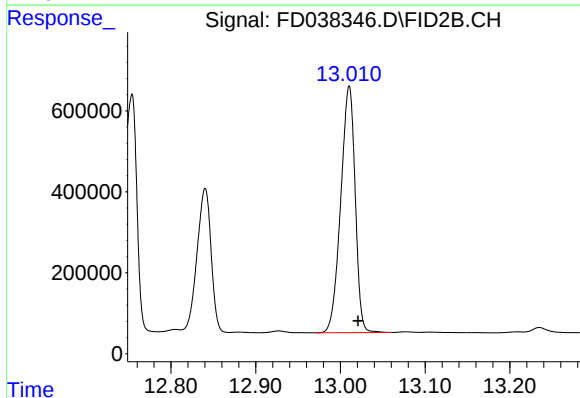
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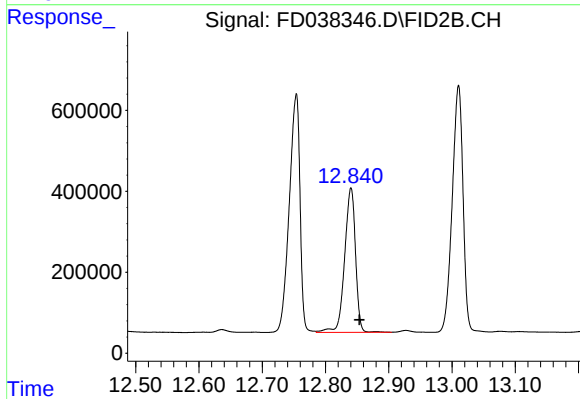
#10 n-Eicosane (C20)

R.T.: 12.402 min
Delta R.T.: -0.011 min
Response: 7366437
Conc: 54.84 ug/ml



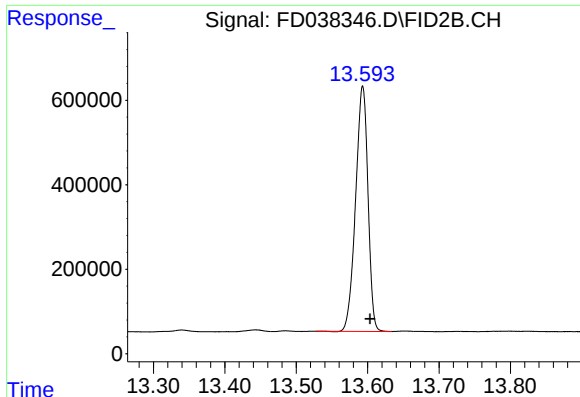
#11 n-Heneicosane (C21)

R.T.: 13.010 min
Delta R.T.: -0.011 min
Response: 7221379
Conc: 53.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.840 min
Delta R.T.: -0.013 min
Response: 4266199
Conc: 37.42 ug/ml



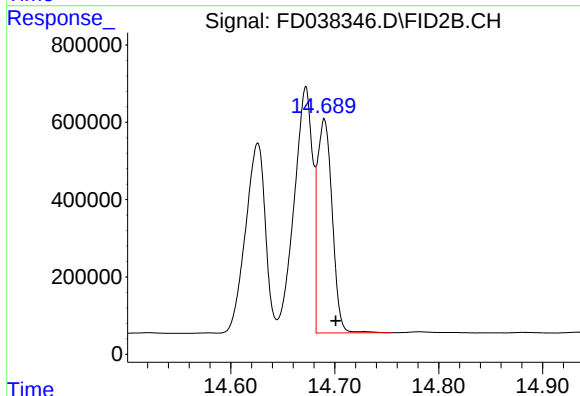
#13 n-Docosane (C22)

R.T.: 13.593 min
Delta R.T.: -0.011 min
Response: 6976292
Conc: 51.85 ug/ml

Instrument :
FID_D
ClientSampleId :
1MSD

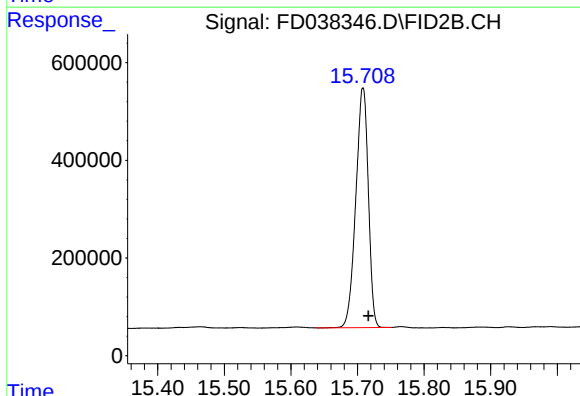
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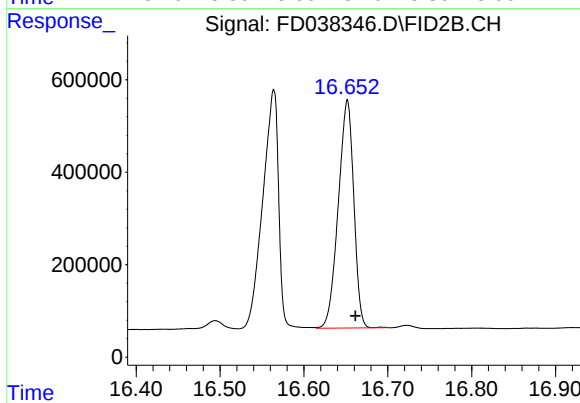
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: -0.011 min
Response: 5425308
Conc: 40.18 ug/ml



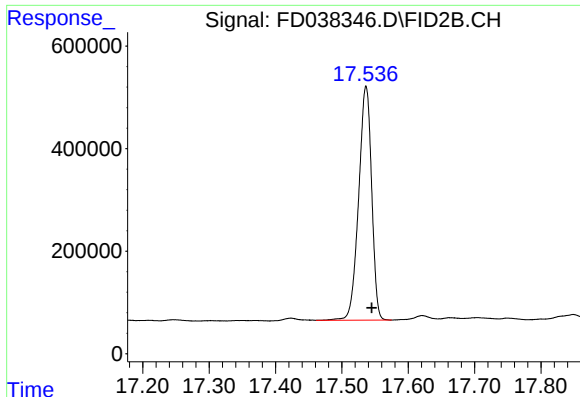
#15 n-Hexacosane (C26)

R.T.: 15.708 min
Delta R.T.: -0.008 min
Response: 6398207
Conc: 48.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.652 min
Delta R.T.: -0.010 min
Response: 6341873
Conc: 48.64 ug/ml



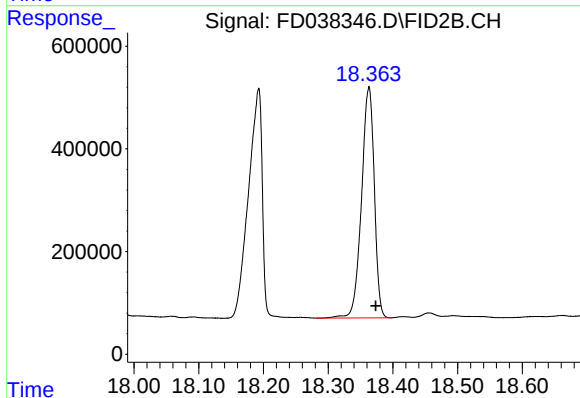
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: -0.009 min
Response: 6204525
Conc: 48.55 ug/ml

Instrument :
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ClientSampleId :
1MSD

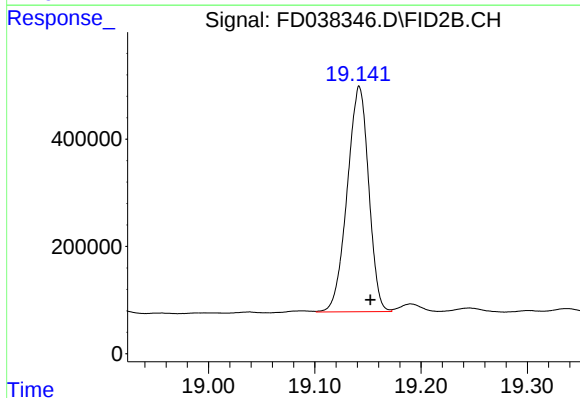
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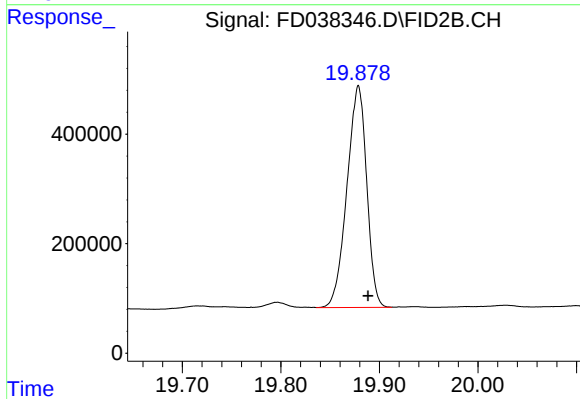
#18 n-Dotriacontane (C32)

R.T.: 18.363 min
Delta R.T.: -0.011 min
Response: 6173493
Conc: 50.17 ug/ml



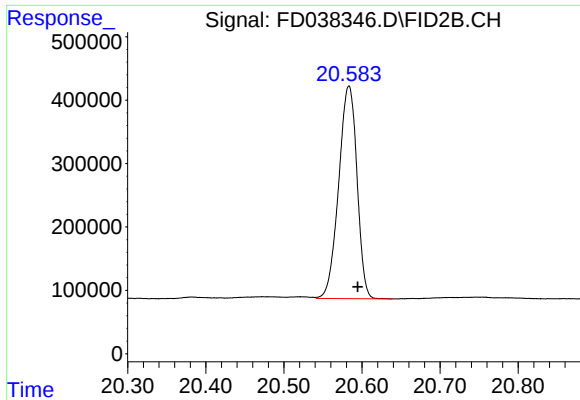
#19 n-Tetratriacontane (C34)

R.T.: 19.142 min
Delta R.T.: -0.011 min
Response: 5904658
Conc: 50.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.878 min
Delta R.T.: -0.010 min
Response: 5635967
Conc: 51.61 ug/ml m



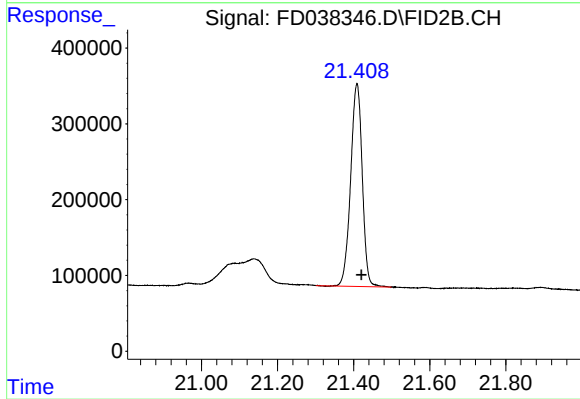
#21 n-Octatriacontane (C38)

R.T.: 20.583 min
Delta R.T.: -0.011 min
Response: 5466280
Conc: 54.27 ug/ml

Instrument :
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ClientSampleId :
1MSD

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#22 n-Tetracontane (C40)

R.T.: 21.409 min
Delta R.T.: -0.012 min
Response: 5650267
Conc: 57.77 ug/ml