

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041122AL\
 Data File : FD041937.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2022 18:14
 Operator : UA/NP
 Sample : PB144023BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144023BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/12/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File: autoint1.e
 Quant Time: Apr 12 02:38:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.219	7054431	39.780 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
12) S 1-chlorooctadecane (S...	12.656	5509253	39.786 ug/mlm
Spiked Amount 50.000		Recovery =	79.57%
Target Compounds			
1) T n-Nonane (C9)	3.096	6662669	45.293 ug/ml
2) T n-Decane (C10)	4.135	6937456	47.509 ug/ml
3) T A~Naphthalene (C11.7)	5.680	8394010	53.738 ug/ml
4) T n-Dodecane (C12)	6.127	8046577	53.418 ug/ml
5) T A~2-methylnaphthalene...	6.727	8658678	55.664 ug/ml
6) T n-Tetradecane (C14)	7.906	8579859	56.327 ug/ml
7) T n-Hexadecane (C16)	9.491	8713281	56.510 ug/ml
8) T n-Octadecane (C18)	10.922	8955828	56.843 ug/ml
10) T n-Eicosane (C20)	12.222	8582767	54.255 ug/ml
11) T n-Heneicosane (C21)	12.829	8355645	52.178 ug/ml
13) T n-Docosane (C22)	13.411	8175623	50.904 ug/ml
14) T n-Tetracosane (C24)	14.507	8417312	52.072 ug/ml
15) T n-Hexacosane (C26)	15.523	7484512	46.340 ug/ml
16) T n-Octacosane (C28)	16.464	7354421	45.688 ug/ml
17) T n-Tricontane (C30)	17.349	6970220	44.230 ug/ml
18) T n-Dotriacontane (C32)	18.173	6849665	46.159 ug/ml
19) T n-Tetratriacontane (C34)	18.954	6792213	50.694 ug/ml
20) T n-Hexatriacontane (C36)	19.689	6767596	56.518 ug/ml
21) T n-Octatriacontane (C38)	20.386	6676211	60.320 ug/ml
22) T n-Tetracontane (C40)	21.162	6733779	62.545 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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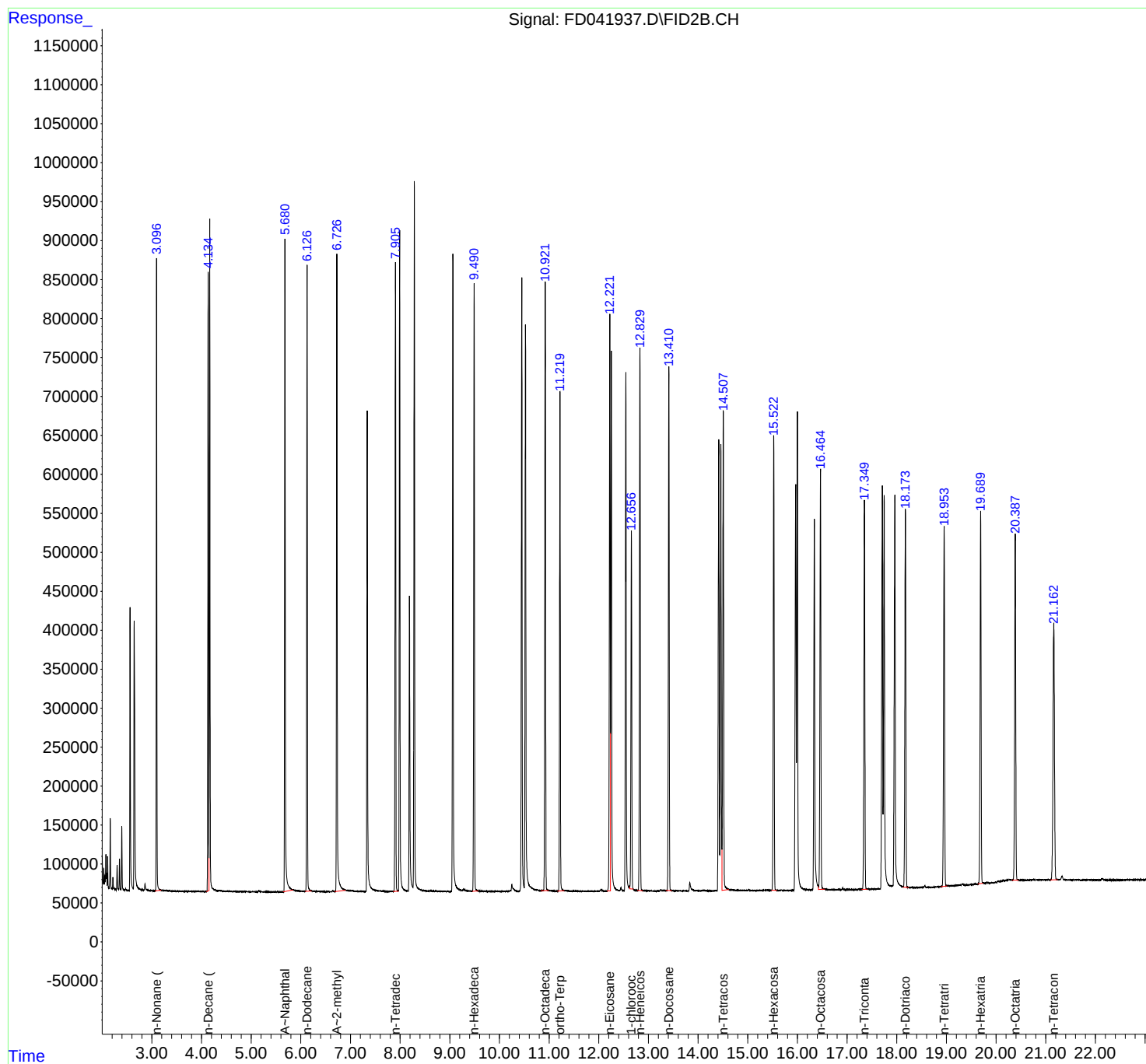
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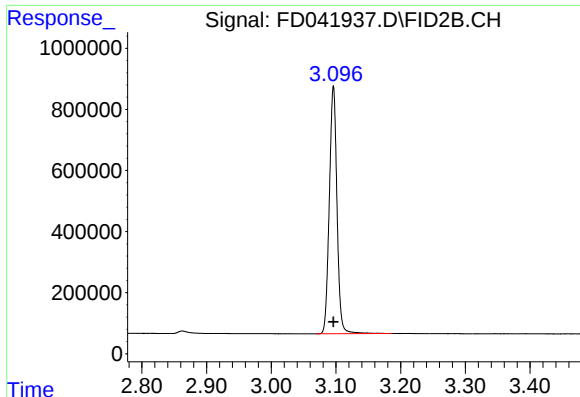
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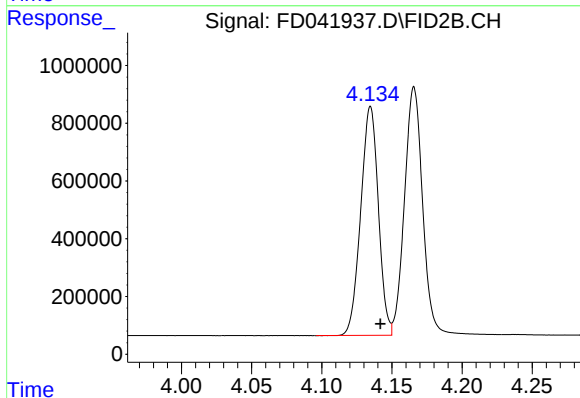
#1 n-Nonane (C9)

R.T.: 3.096 min
Delta R.T.: 0.000 min
Response: 6662669
Conc: 45.29 ug/ml

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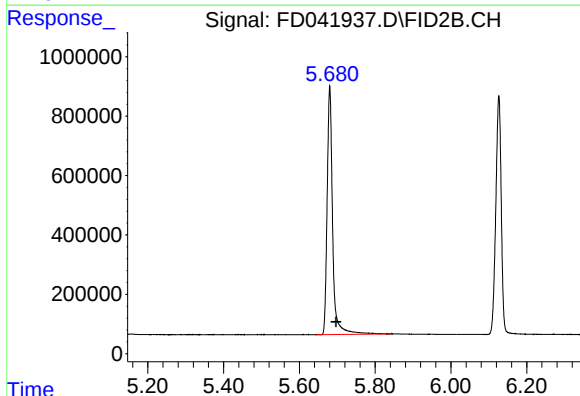
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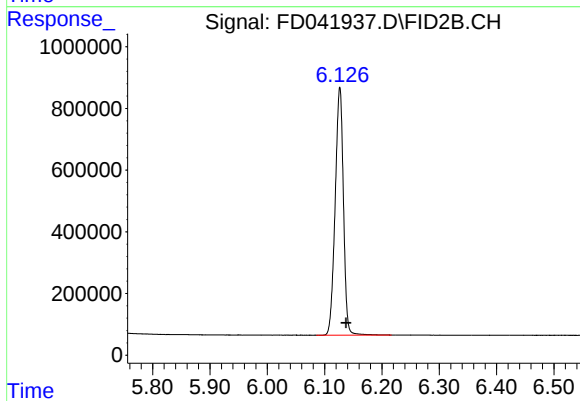
#2 n-Decane (C10)

R.T.: 4.135 min
Delta R.T.: -0.007 min
Response: 6937456
Conc: 47.51 ug/ml



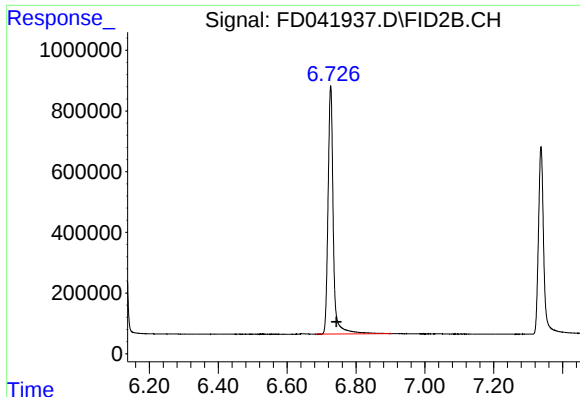
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.016 min
Response: 8394010
Conc: 53.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.127 min
Delta R.T.: -0.011 min
Response: 8046577
Conc: 53.42 ug/ml



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

R.T.: 6.727 min
Delta R.T.: -0.017 min
Response: 8658678
Conc: 55.66 ug/ml

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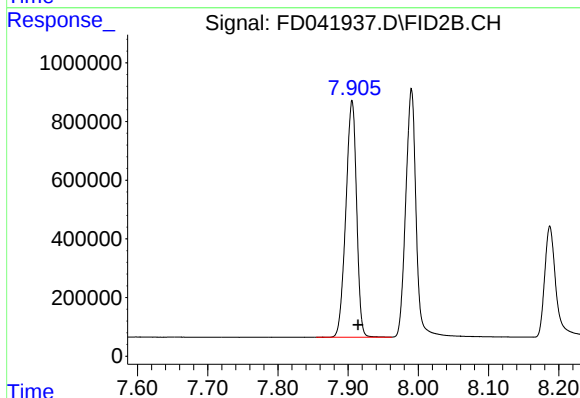
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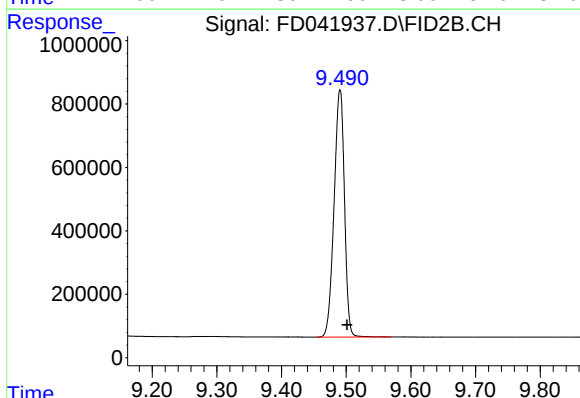
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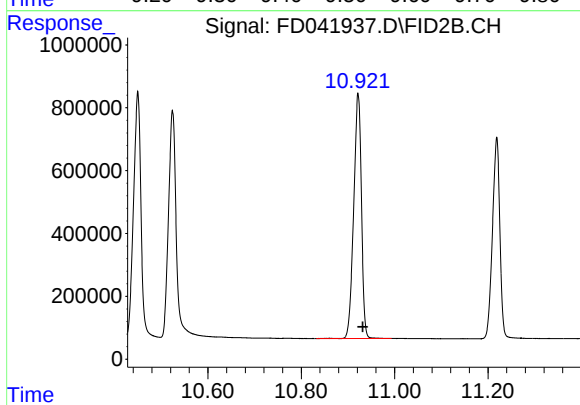
#6 n-Tetradecane (C14)

R.T.: 7.906 min
Delta R.T.: -0.009 min
Response: 8579859
Conc: 56.33 ug/ml



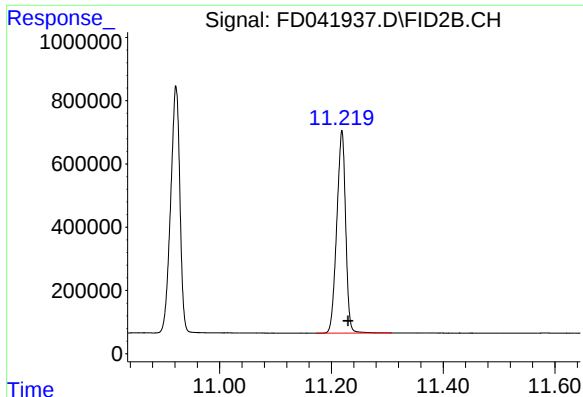
#7 n-Hexadecane (C16)

R.T.: 9.491 min
Delta R.T.: -0.011 min
Response: 8713281
Conc: 56.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.922 min
Delta R.T.: -0.010 min
Response: 8955828
Conc: 56.84 ug/ml



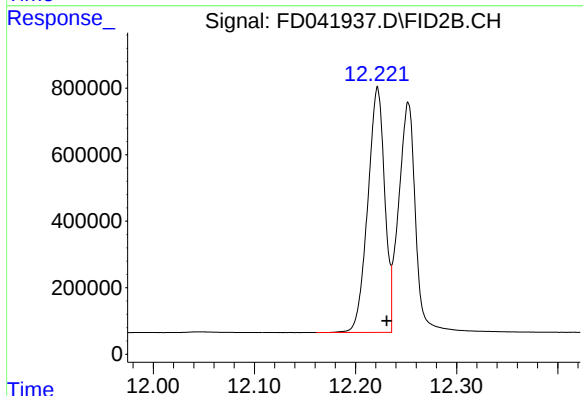
#9 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: -0.011 min
Response: 7054431
Conc: 39.78 ug/ml

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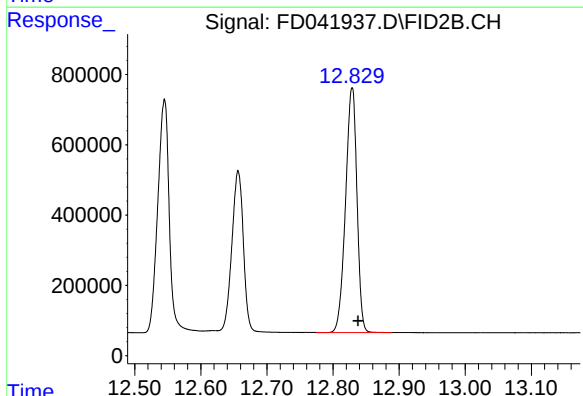
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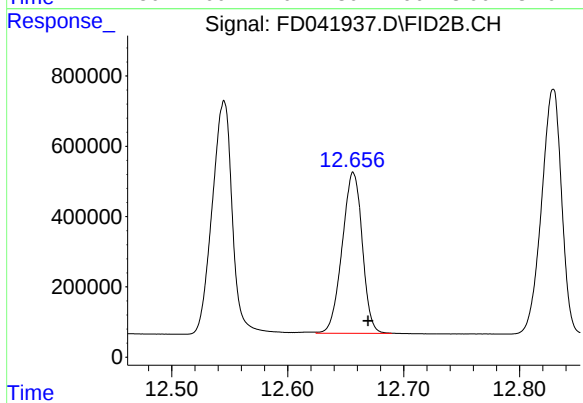
#10 n-Eicosane (C20)

R.T.: 12.222 min
Delta R.T.: -0.009 min
Response: 8582767
Conc: 54.25 ug/ml



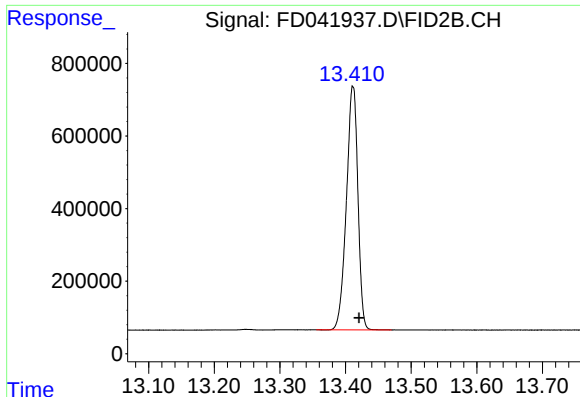
#11 n-Heneicosane (C21)

R.T.: 12.829 min
Delta R.T.: -0.009 min
Response: 8355645
Conc: 52.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.656 min
Delta R.T.: -0.013 min
Response: 5509253
Conc: 39.79 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.411 min
Delta R.T.: -0.009 min
Response: 8175623
Conc: 50.90 ug/ml

Instrument :

FID_D

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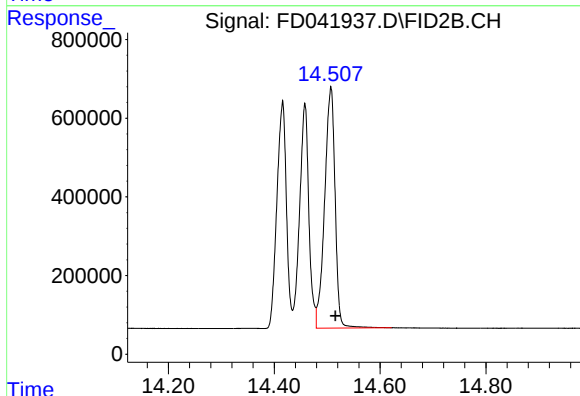
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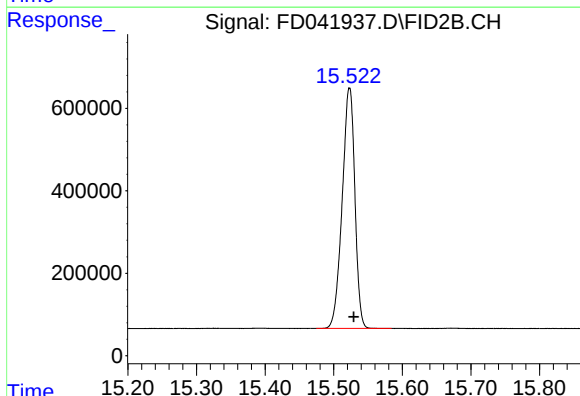
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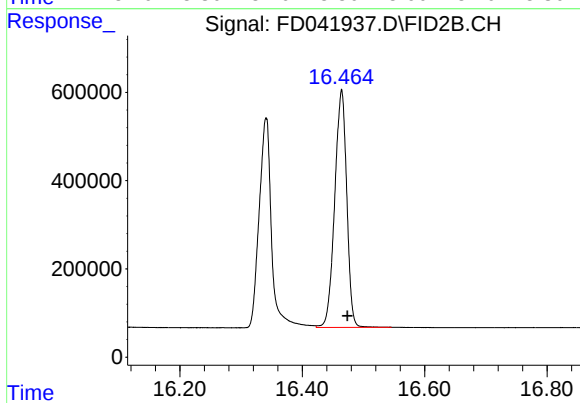
#14 n-Tetracosane (C24)

R.T.: 14.507 min
Delta R.T.: -0.008 min
Response: 8417312
Conc: 52.07 ug/ml



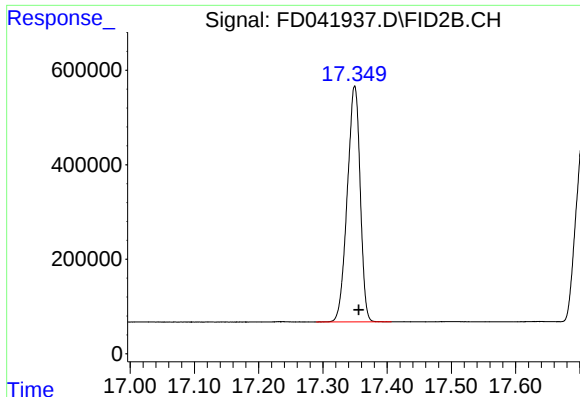
#15 n-Hexacosane (C26)

R.T.: 15.523 min
Delta R.T.: -0.006 min
Response: 7484512
Conc: 46.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.464 min
Delta R.T.: -0.009 min
Response: 7354421
Conc: 45.69 ug/ml



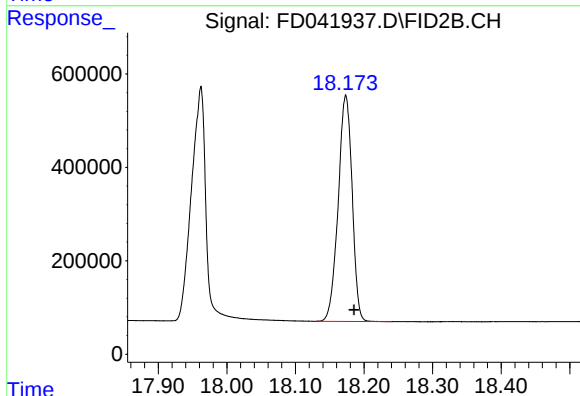
#17 n-Tricontane (C30)

R.T.: 17.349 min
Delta R.T.: -0.006 min
Response: 6970220
Conc: 44.23 ug/ml

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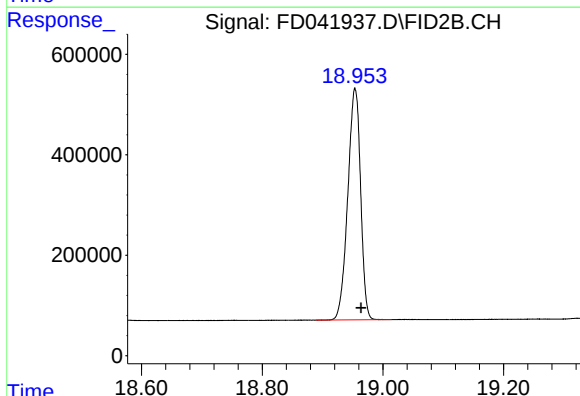
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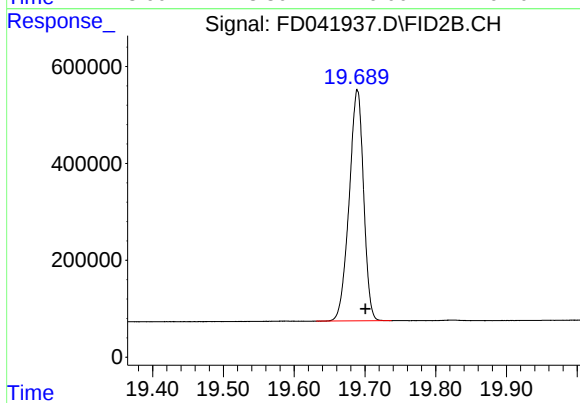
#18 n-Dotriacontane (C32)

R.T.: 18.173 min
Delta R.T.: -0.012 min
Response: 6849665
Conc: 46.16 ug/ml



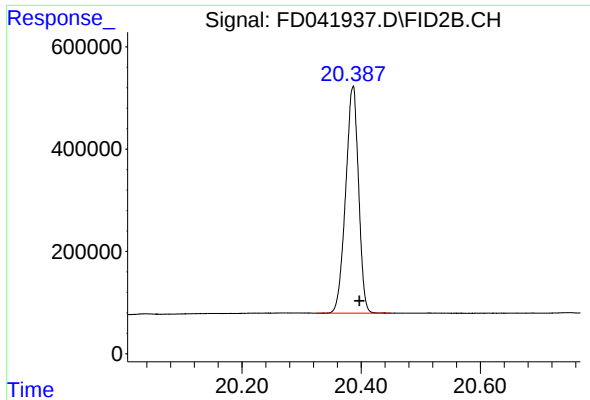
#19 n-Tetratriacontane (C34)

R.T.: 18.954 min
Delta R.T.: -0.010 min
Response: 6792213
Conc: 50.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.689 min
Delta R.T.: -0.011 min
Response: 6767596
Conc: 56.52 ug/ml



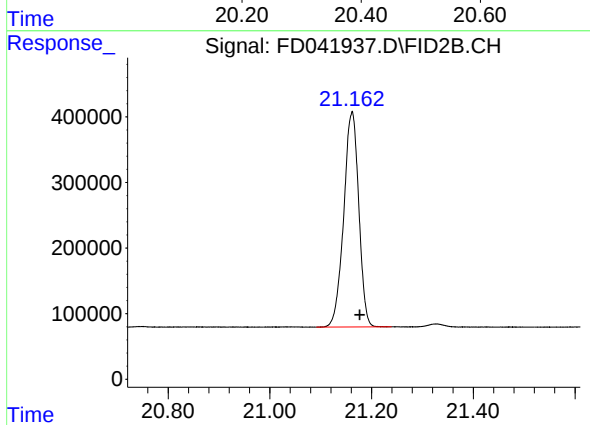
#21 n-Octatriacontane (C38)

R.T.: 20.386 min
Delta R.T.: -0.011 min
Response: 6676211
Conc: 60.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.162 min
Delta R.T.: -0.015 min
Response: 6733779
Conc: 62.54 ug/ml