

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AL\
 Data File : FD037176.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2021 14:59
 Operator : DD\AJ
 Sample : M2145-02DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SU-02-042221-EPH-2DL

Integration File: sample.E
 Quant Time: Apr 28 07:16:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.475	1836698	15.730 ug/ml
Spiked Amount 50.000		Recovery =	31.46%
12) S 1-chlorooctadecane (S...	12.904	13125236	155.142 ug/ml
Spiked Amount 50.000		Recovery =	310.28%
Target Compounds			
1) T n-Nonane (C9)	3.270	3405	0.029 ug/ml
2) T n-Decane (C10)	4.326	1756	0.015 ug/ml
3) T A~Naphthalene (C11.7)	5.910	16771	0.128 ug/ml
4) T n-Dodecane (C12)	6.346	6205	0.052 ug/ml
5) T A~2-methylnaphthalene...	6.966	19875	0.152 ug/ml
6) T n-Tetradecane (C14)	8.133	116804	1.009 ug/ml
7) T n-Hexadecane (C16)	9.727	326732	2.972 ug/ml
8) T n-Octadecane (C18)	11.163	373603	3.407 ug/ml
10) T n-Eicosane (C20)	12.467	291720	2.750 ug/ml
11) T n-Heneicosane (C21)	13.091	796466	7.581 ug/ml
13) T n-Docosane (C22)	13.660	354074	3.444 ug/ml
14) T n-Tetracosane (C24)	14.752	641919	6.337 ug/ml
15) T n-Hexacosane (C26)	15.772	222012	2.273 ug/ml
16) T n-Octacosane (C28)	16.716	293355	3.052 ug/ml
17) T n-Tricontane (C30)	17.598	291664	3.033 ug/ml
18) T n-Dotriacontane (C32)	18.426	379332	3.857 ug/ml
19) T n-Tetratriacontane (C34)	19.205	672836	7.089 ug/ml
20) T n-Hexatriacontane (C36)	19.941	726579	7.715 ug/ml
21) T n-Octatriacontane (C38)	20.653	1910773	22.194 ug/ml
22) T n-Tetracontane (C40)	21.499	87494	0.912 ug/ml

(f)=RT Delta > 1/2 Window

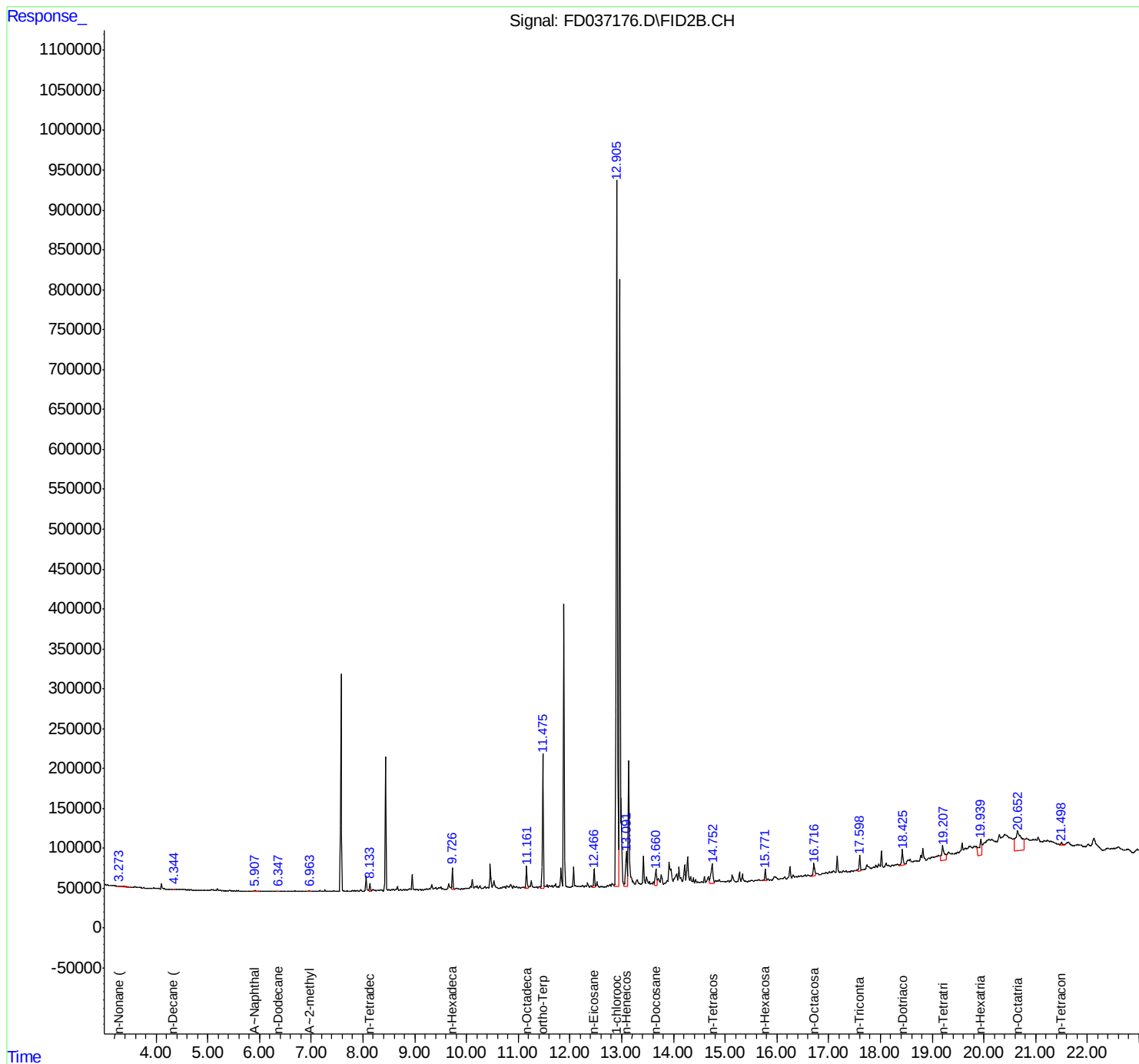
(m)=manual int.

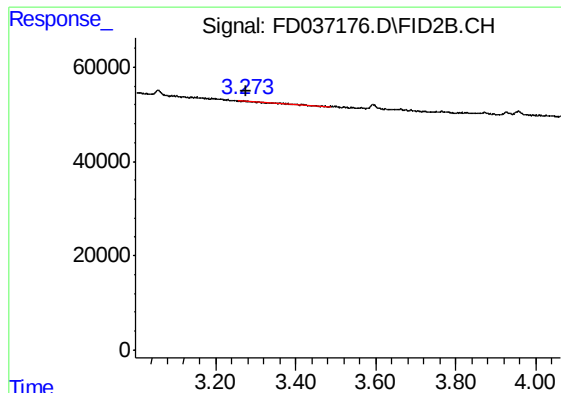
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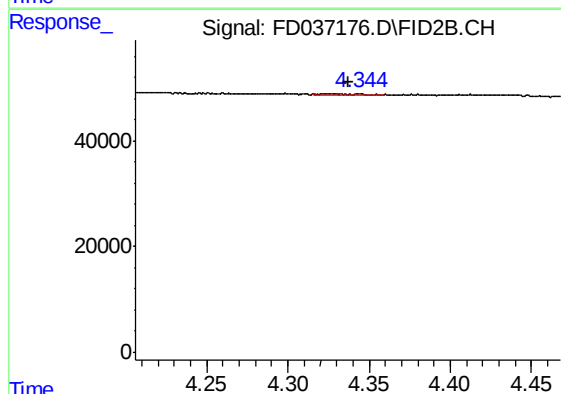




#1 n-Nonane (C9)

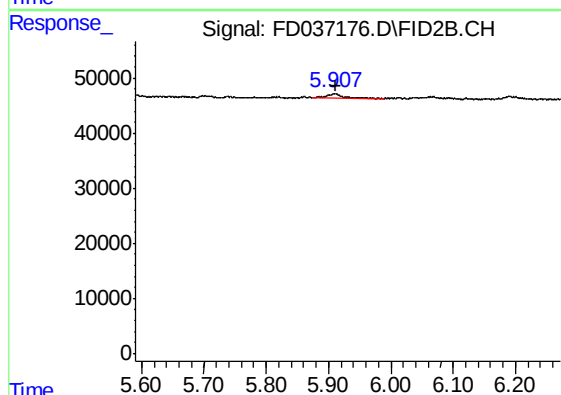
R.T.: 3.270 min
Delta R.T.: -0.007 min
Response: 3405
Conc: 0.03 ug/ml

Instrument :
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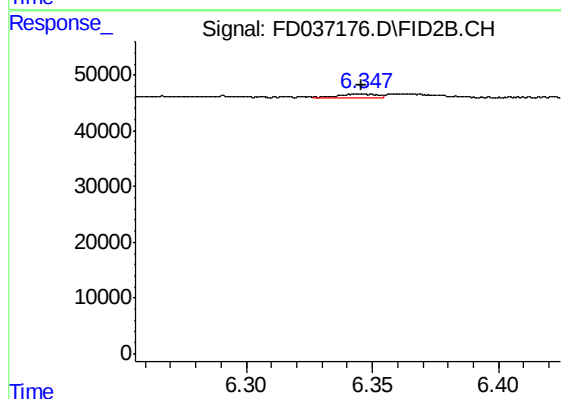
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.012 min
Response: 1756
Conc: 0.01 ug/ml



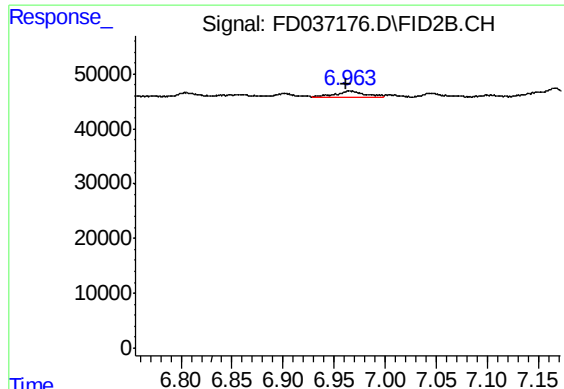
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 16771
Conc: 0.13 ug/ml



#4 n-Dodecane (C12)

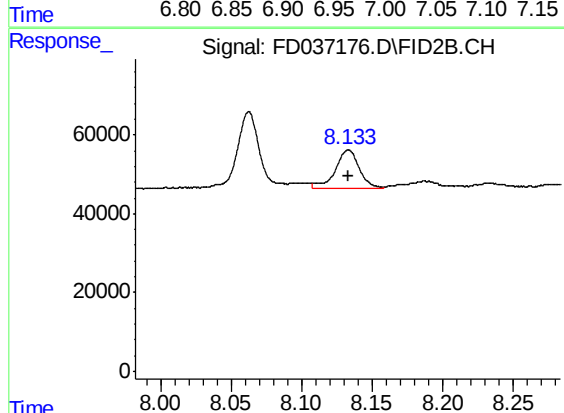
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 6205
Conc: 0.05 ug/ml



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

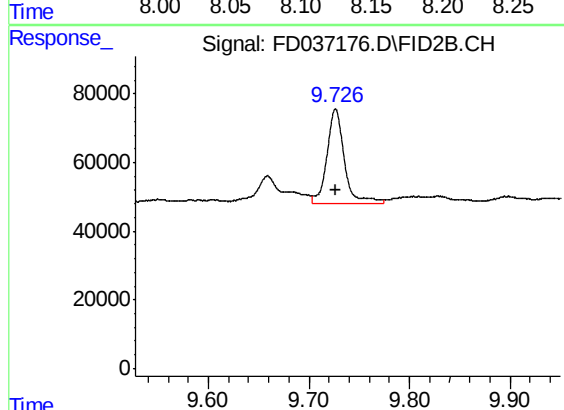
R.T.: 6.966 min
Delta R.T.: 0.004 min
Response: 19875
Conc: 0.15 ug/ml

Instrument :
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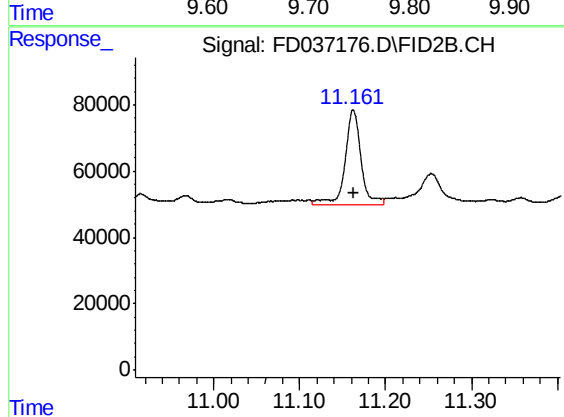
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 116804
Conc: 1.01 ug/ml



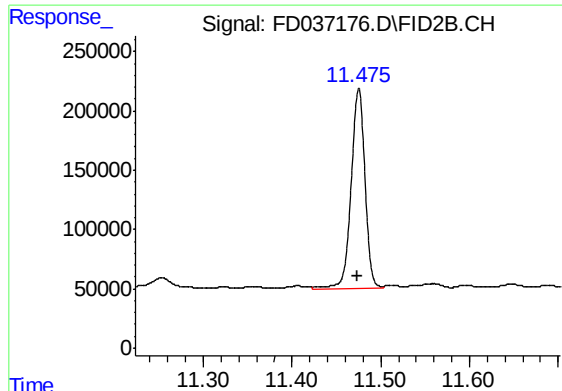
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: 0.000 min
Response: 326732
Conc: 2.97 ug/ml



#8 n-Octadecane (C18)

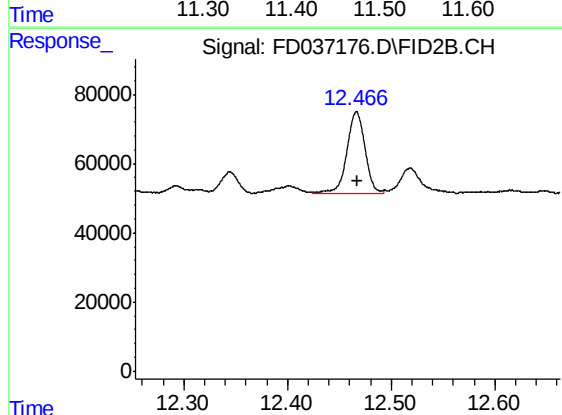
R.T.: 11.163 min
Delta R.T.: 0.000 min
Response: 373603
Conc: 3.41 ug/ml



#9 ortho-Terphenyl (SURR)

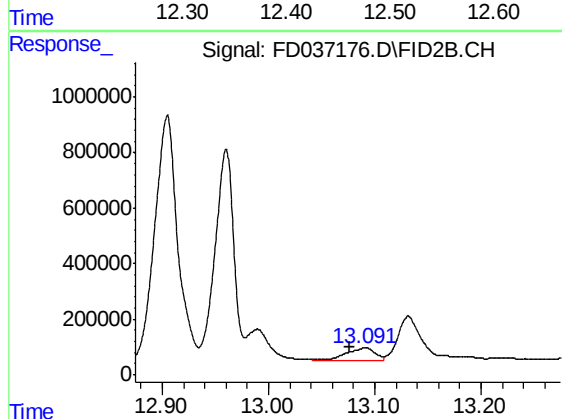
R.T.: 11.475 min
Delta R.T.: 0.002 min
Response: 1836698
Conc: 15.73 ug/ml

Instrument :
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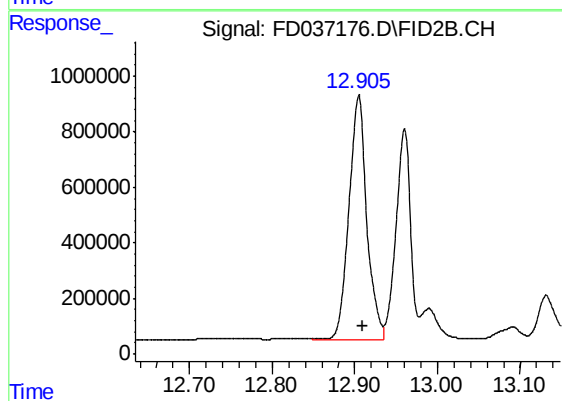
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 291720
Conc: 2.75 ug/ml



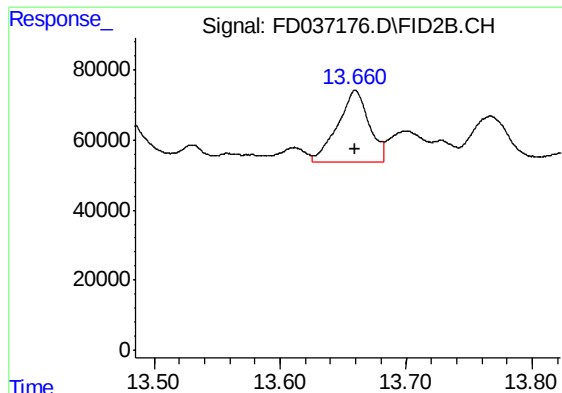
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.014 min
Response: 796466
Conc: 7.58 ug/ml



#12 1-chlorooctadecane (SURR)

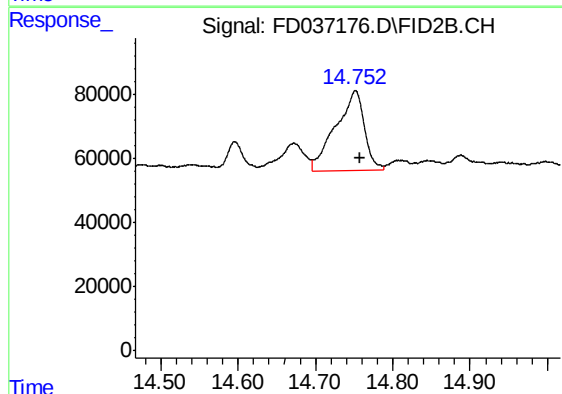
R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 13125236
Conc: 155.14 ug/ml



#13 n-Docosane (C22)

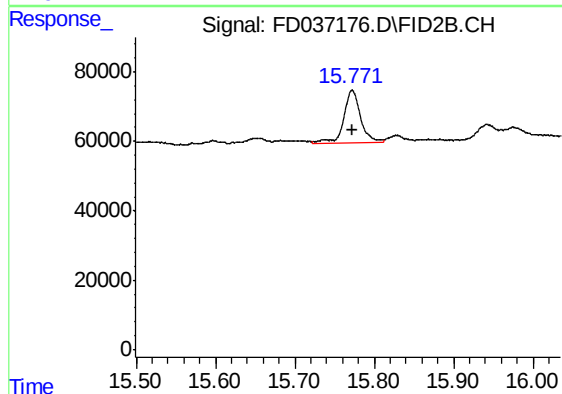
R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 354074
Conc: 3.44 ug/ml

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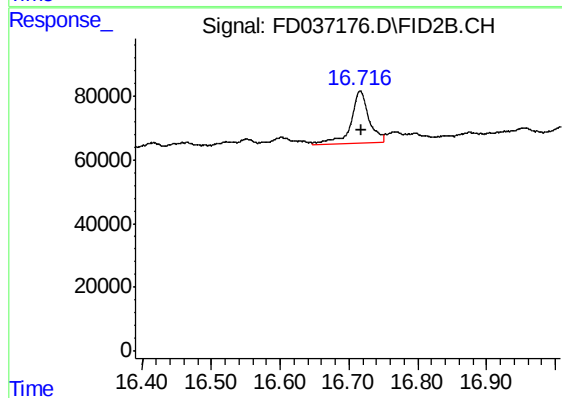
#14 n-Tetracosane (C24)

R.T.: 14.752 min
Delta R.T.: -0.006 min
Response: 641919
Conc: 6.34 ug/ml



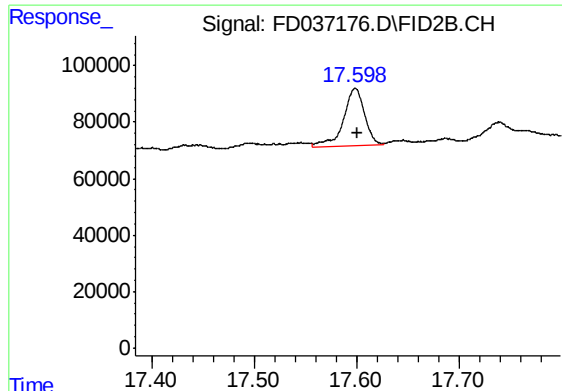
#15 n-Hexacosane (C26)

R.T.: 15.772 min
Delta R.T.: 0.000 min
Response: 222012
Conc: 2.27 ug/ml



#16 n-Octacosane (C28)

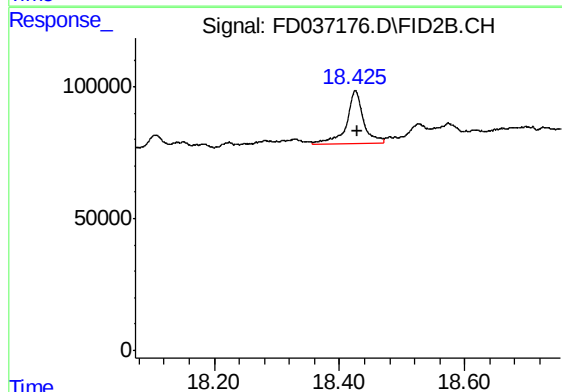
R.T.: 16.716 min
Delta R.T.: -0.001 min
Response: 293355
Conc: 3.05 ug/ml



#17 n-Tricontane (C30)

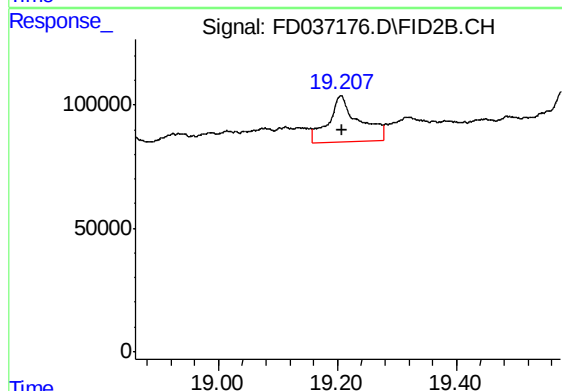
R.T.: 17.598 min
Delta R.T.: -0.002 min
Response: 291664
Conc: 3.03 ug/ml

Instrument :
FID_D
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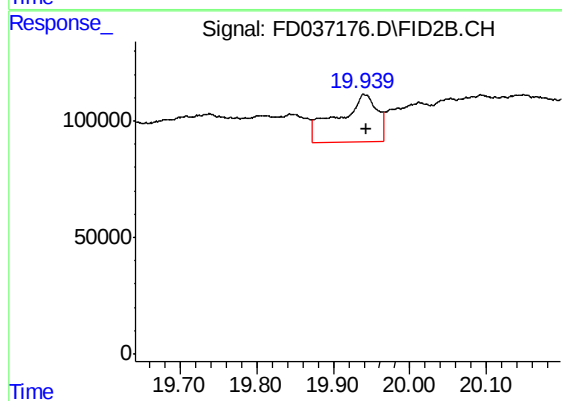
#18 n-Dotriacontane (C32)

R.T.: 18.426 min
Delta R.T.: -0.003 min
Response: 379332
Conc: 3.86 ug/ml



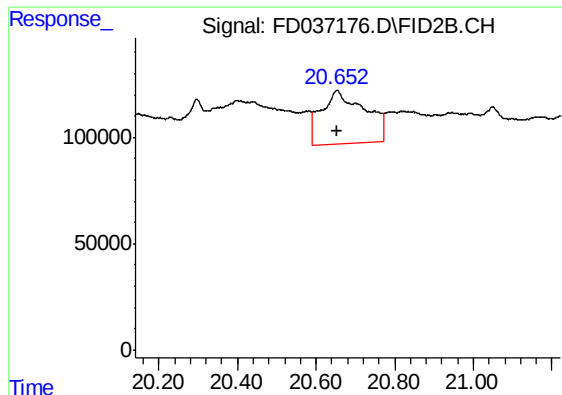
#19 n-Tetatriacontane (C34)

R.T.: 19.205 min
Delta R.T.: -0.002 min
Response: 672836
Conc: 7.09 ug/ml



#20 n-Hexatriacontane (C36)

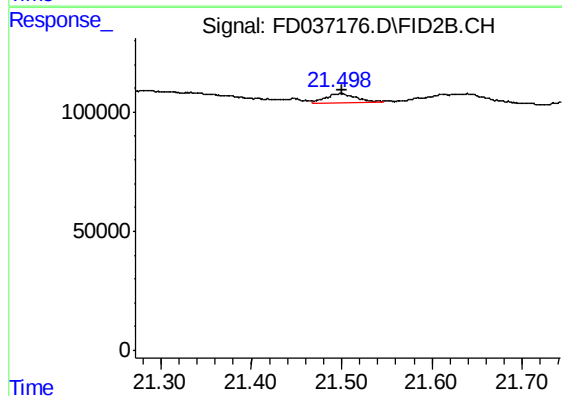
R.T.: 19.941 min
Delta R.T.: -0.002 min
Response: 726579
Conc: 7.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.653 min
Delta R.T.: 0.000 min
Response: 1910773
Conc: 22.19 ug/ml

Instrument :
FID_D
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SU-02-042221-EPH-2DL



#22 n-Tetracontane (C40)

R.T.: 21.499 min
Delta R.T.: -0.002 min
Response: 87494
Conc: 0.91 ug/ml