

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AL\
 Data File : FD037054.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2021 22:17
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Apr 22 03:24:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:22:42 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)	11.473	567452	4.744 ug/ml
Spiked Amount 50.000		Recovery =	9.49%
12) S 1-chlorooctadecane (S...	12.909	398606	4.599 ug/ml
Spiked Amount 50.000		Recovery =	9.20%
Target Compounds			
1) T n-Nonane (C9)	3.277	574770	4.759 ug/ml
2) T n-Decane (C10)	4.337	578451	4.760 ug/ml
3) T A~Naphthalene (C11.7)	5.911	632011	4.696 ug/ml
4) T n-Dodecane (C12)	6.346	578772	4.749 ug/ml
5) T A~2-methylnaphthalene...	6.962	625942	4.643 ug/ml
6) T n-Tetradecane (C14)	8.133	561129	4.718 ug/ml
7) T n-Hexadecane (C16)	9.727	531804	4.714 ug/ml
8) T n-Octadecane (C18)	11.163	527221	4.673 ug/ml
10) T n-Eicosane (C20)	12.467	509726	4.676 ug/ml
11) T n-Heneicosane (C21)	13.076	514622	4.792 ug/ml
13) T n-Docosane (C22)	13.660	499252	4.749 ug/ml
14) T n-Tetracosane (C24)	14.757	500872	4.852 ug/ml
15) T n-Hexacosane (C26)	15.773	475626	4.768 ug/ml
16) T n-Octacosane (C28)	16.717	458125	4.644 ug/ml
17) T n-Tricontane (C30)	17.600	464829	4.729 ug/ml
18) T n-Dotriacontane (C32)	18.428	500130	5.033 ug/ml
19) T n-Tetratriacontane (C34)	19.207	459907	4.743 ug/ml
20) T n-Hexatriacontane (C36)	19.943	459599	4.885 ug/mlm
21) T n-Octatriacontane (C38)	20.653	395894	4.566 ug/ml
22) T n-Tetracontane (C40)	21.501	483951	4.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 21 Apr 2021 22:17
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 61 Sample Multiplier: 1

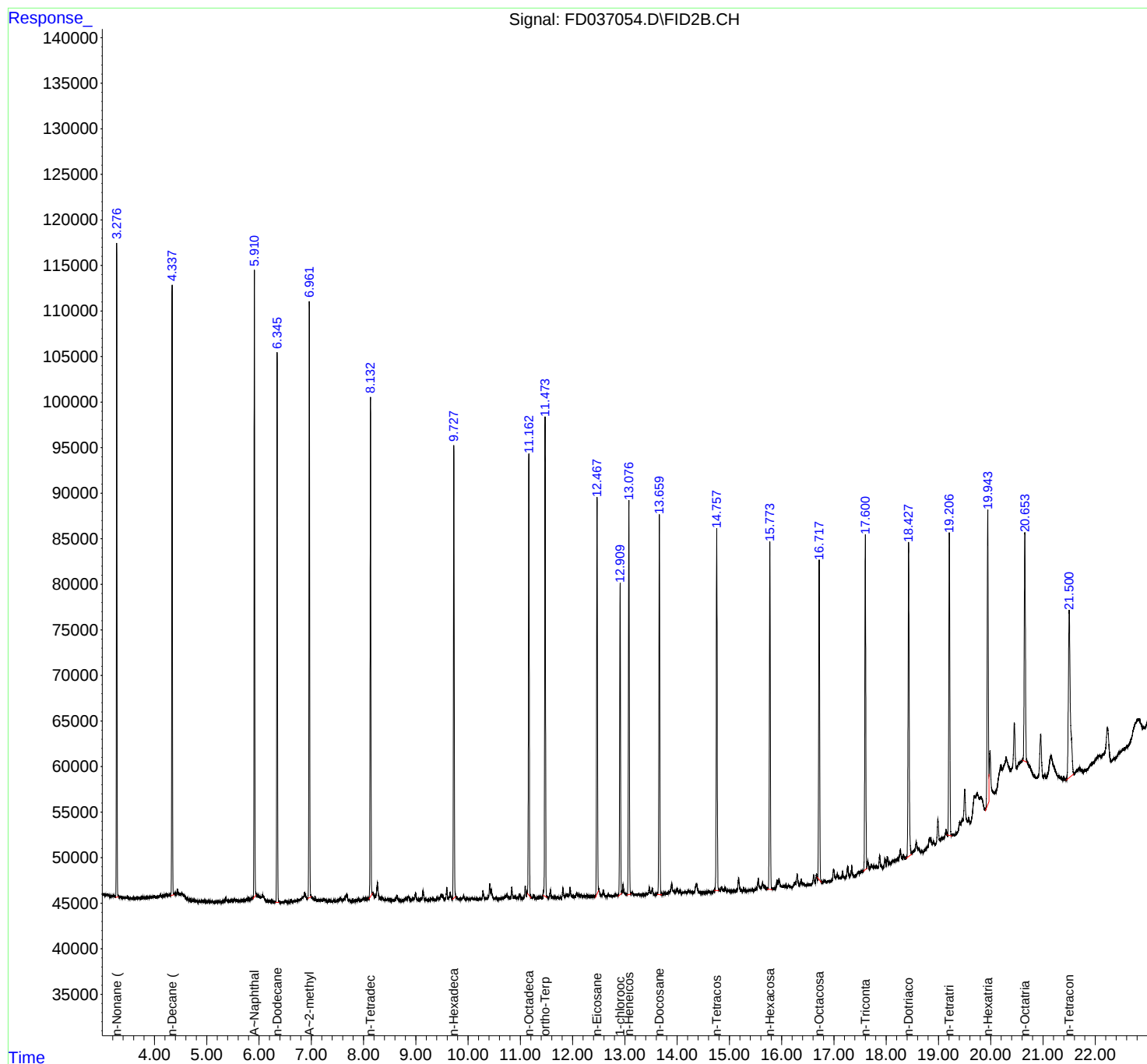
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

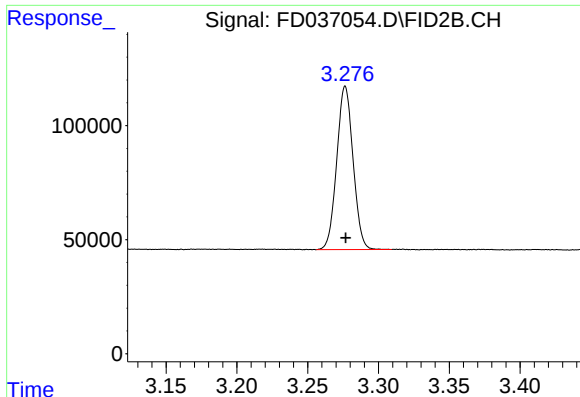
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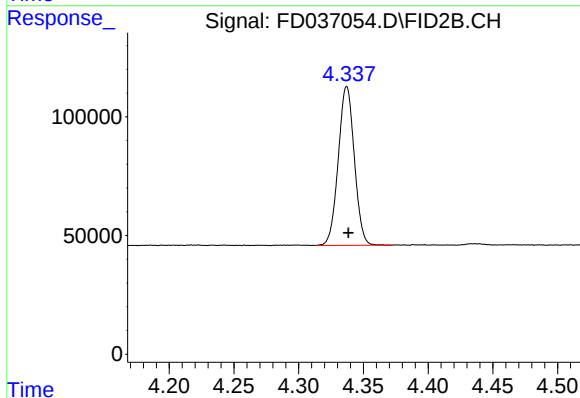
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 574770
Conc: 4.76 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

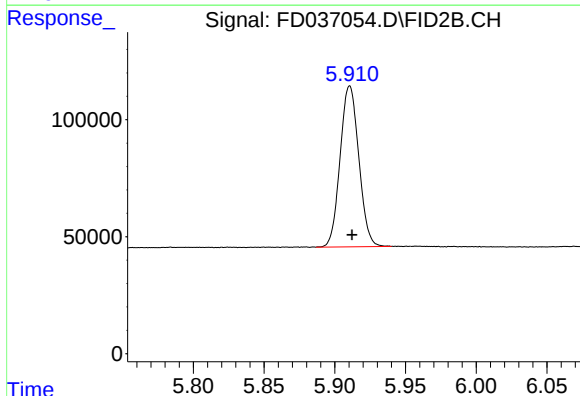
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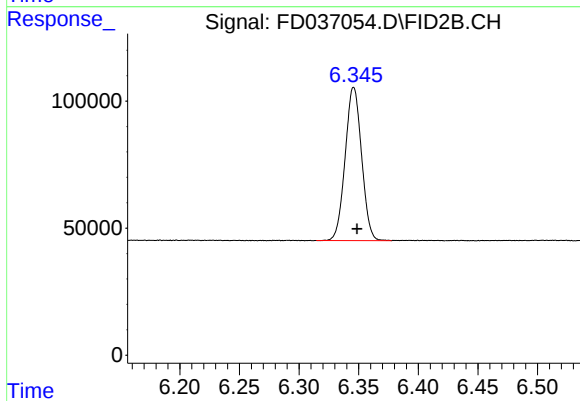
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 578451
Conc: 4.76 ug/ml



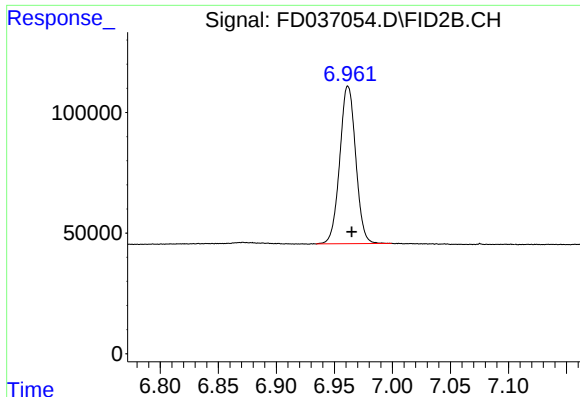
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: -0.001 min
Response: 632011
Conc: 4.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 578772
Conc: 4.75 ug/ml



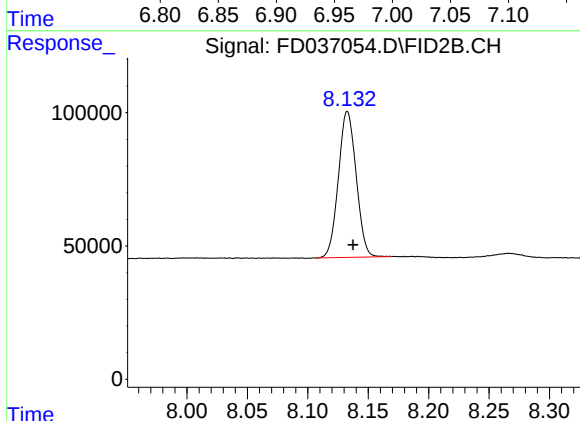
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 625942
Conc: 4.64 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

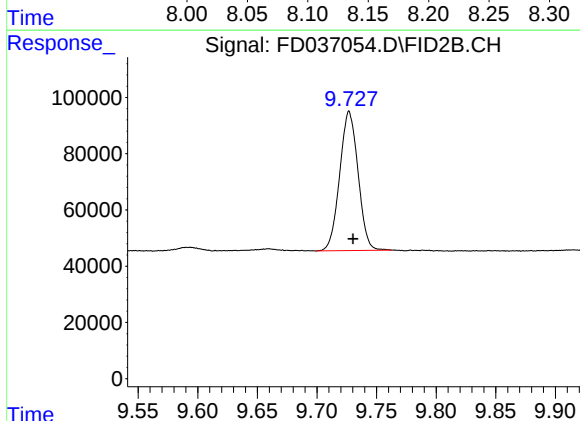
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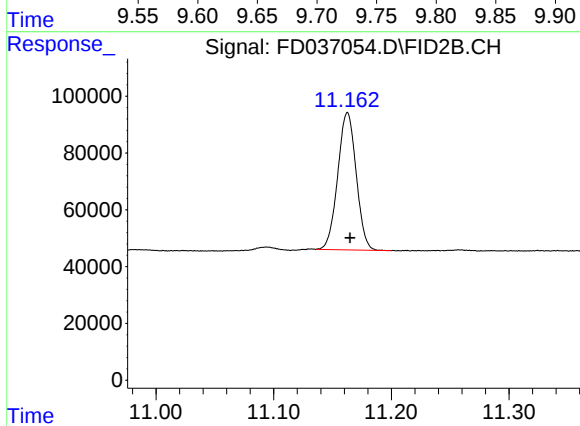
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.005 min
Response: 561129
Conc: 4.72 ug/ml



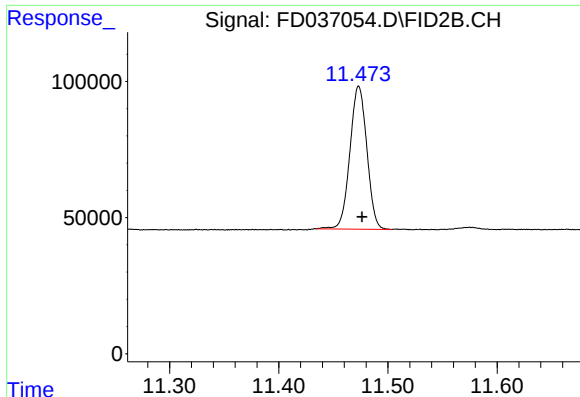
#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: -0.003 min
Response: 531804
Conc: 4.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: -0.002 min
Response: 527221
Conc: 4.67 ug/ml



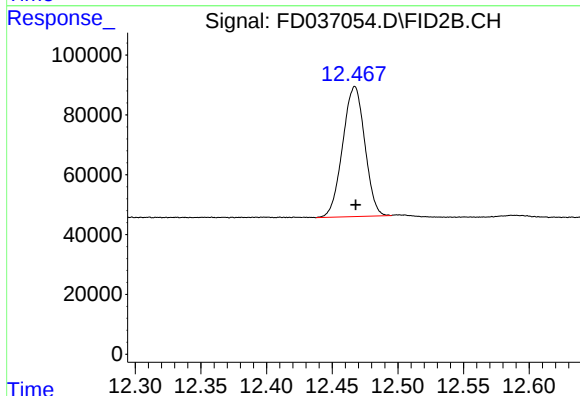
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.003 min
Response: 567452
Conc: 4.74 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

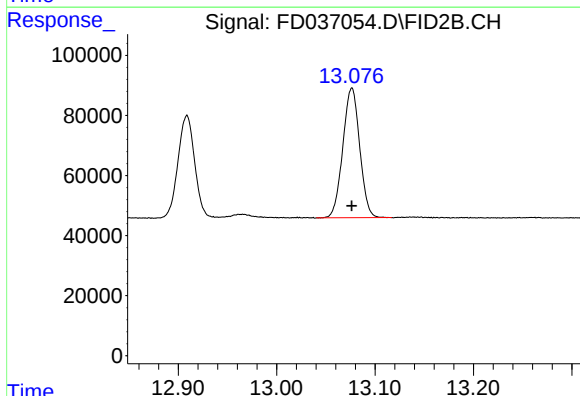
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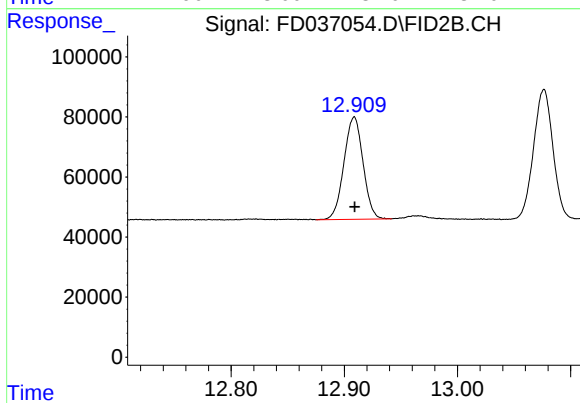
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 509726
Conc: 4.68 ug/ml



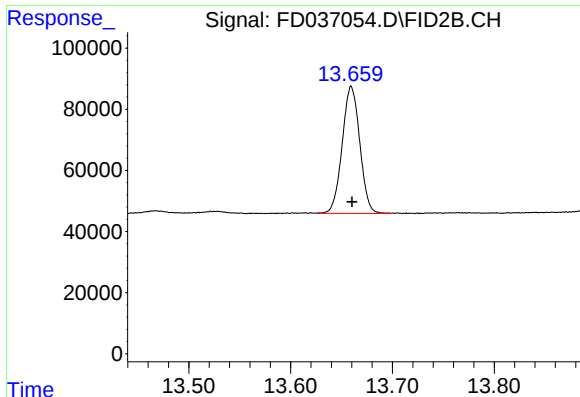
#11 n-Heneicosane (C21)

R.T.: 13.076 min
Delta R.T.: 0.000 min
Response: 514622
Conc: 4.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 398606
Conc: 4.60 ug/ml



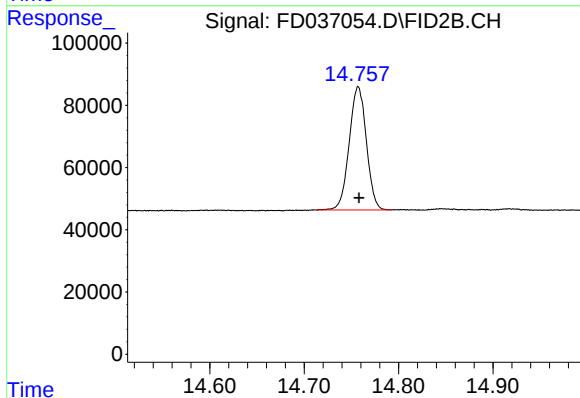
#13 n-Docosane (C22)

R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 499252
Conc: 4.75 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

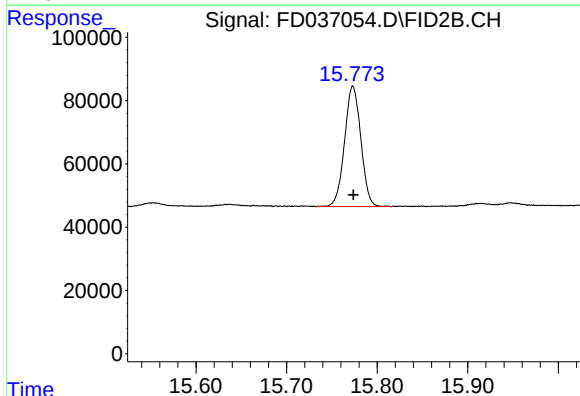
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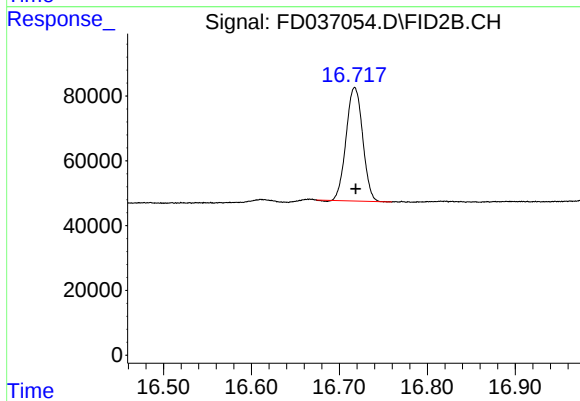
#14 n-Tetracosane (C24)

R.T.: 14.757 min
Delta R.T.: -0.001 min
Response: 500872
Conc: 4.85 ug/ml



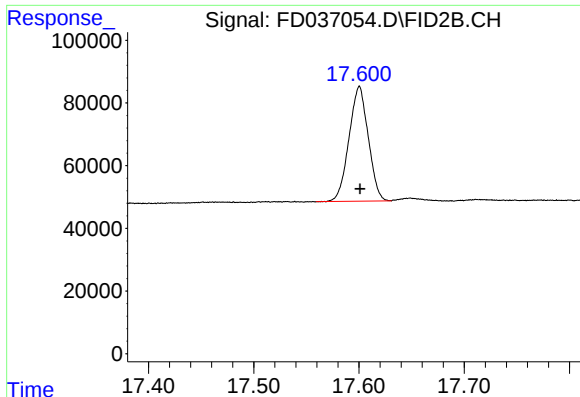
#15 n-Hexacosane (C26)

R.T.: 15.773 min
Delta R.T.: 0.000 min
Response: 475626
Conc: 4.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.717 min
Delta R.T.: -0.001 min
Response: 458125
Conc: 4.64 ug/ml



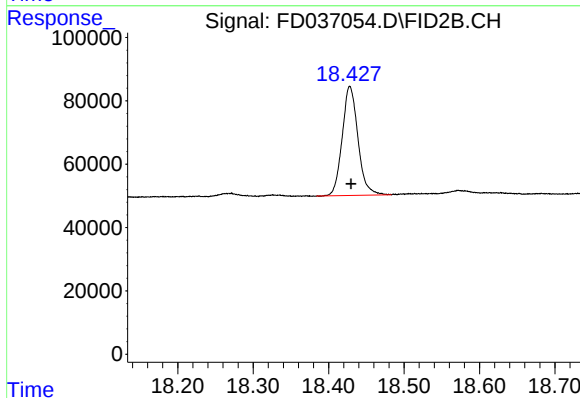
#17 n-Tricontane (C30)

R.T.: 17.600 min
Delta R.T.: 0.000 min
Response: 464829
Conc: 4.73 ug/ml

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5 PPM ALIPHATIC HC STD5

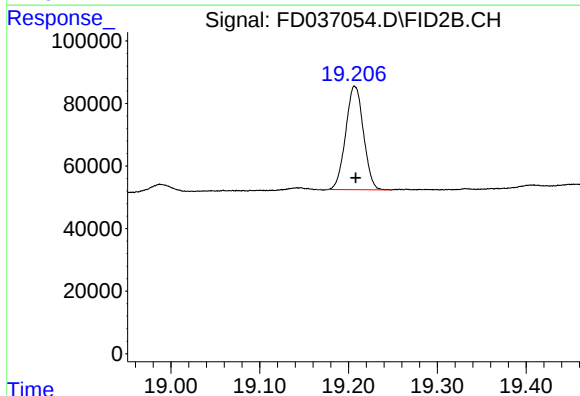
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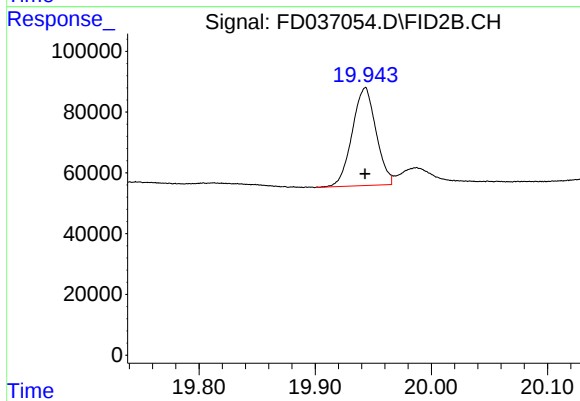
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: -0.002 min
Response: 500130
Conc: 5.03 ug/ml



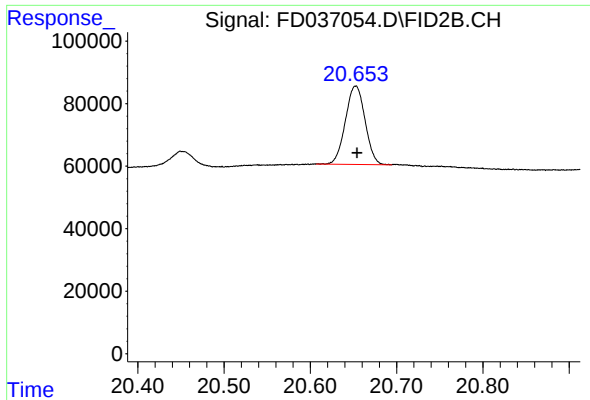
#19 n-Tetratriacontane (C34)

R.T.: 19.207 min
Delta R.T.: -0.001 min
Response: 459907
Conc: 4.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.943 min
Delta R.T.: 0.000 min
Response: 459599
Conc: 4.89 ug/ml m



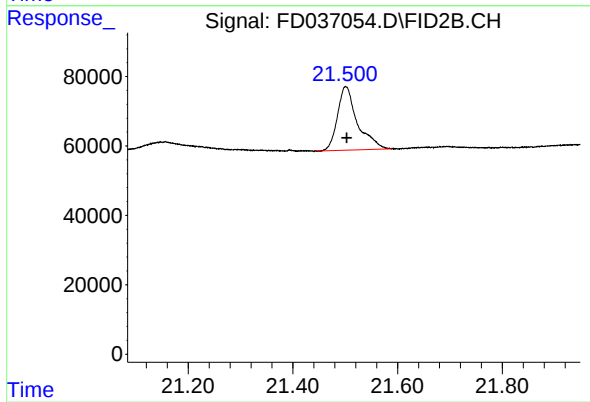
#21 n-Octatriacontane (C38)

R.T.: 20.653 min
Delta R.T.: -0.001 min
Response: 395894
Conc: 4.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.501 min
Delta R.T.: -0.002 min
Response: 483951
Conc: 4.97 ug/ml