

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AL\
 Data File : FD036512.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 3:23
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

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 3/24/2021 9:25:37 AM

Integration File: autoint1.e
 Quant Time: Mar 24 04:03:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 03:26:20 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)	11.492	726195	4.877 ug/ml
Spiked Amount 50.000		Recovery =	9.75%
12) S 1-chlorooctadecane (S...	12.924	568100	4.853 ug/ml
Spiked Amount 50.000		Recovery =	9.71%
Target Compounds			
1) T n-Nonane (C9)	3.295	621447	4.862 ug/ml
2) T n-Decane (C10)	4.356	629010	4.853 ug/ml
3) T A~Naphthalene (C11.7)	5.930	712083	4.847 ug/ml
4) T n-Dodecane (C12)	6.365	647459	4.856 ug/ml
5) T A~2-methylnaphthalene...	6.981	727309	4.823 ug/ml
6) T n-Tetradecane (C14)	8.152	672228	4.932 ug/mlm
7) T n-Hexadecane (C16)	9.746	649406	4.846 ug/ml
8) T n-Octadecane (C18)	11.180	676871	4.859 ug/ml
10) T n-Eicosane (C20)	12.483	676822	4.871 ug/ml
11) T n-Heneicosane (C21)	13.091	682006	4.942 ug/ml
13) T n-Docosane (C22)	13.674	671739	4.923 ug/ml
14) T n-Tetracosane (C24)	14.771	659146	4.965 ug/ml
15) T n-Hexacosane (C26)	15.785	631936	4.989 ug/ml
16) T n-Octacosane (C28)	16.729	599489	4.963 ug/ml
17) T n-Tricontane (C30)	17.611	580286	5.064 ug/ml
18) T n-Dotriacontane (C32)	18.438	573389	5.269 ug/ml
19) T n-Tetratriacontane (C34)	19.216	521603	5.099 ug/ml
20) T n-Hexatriacontane (C36)	19.950	505797	5.304 ug/mlm
21) T n-Octatriacontane (C38)	20.658	460917	4.982 ug/ml
22) T n-Tetracontane (C40)	21.509	536439	5.405 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FD036512.D
Signal(s) : FID2B.CH
Acq On : 24 Mar 2021 3:23
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 62 Sample Multiplier: 1

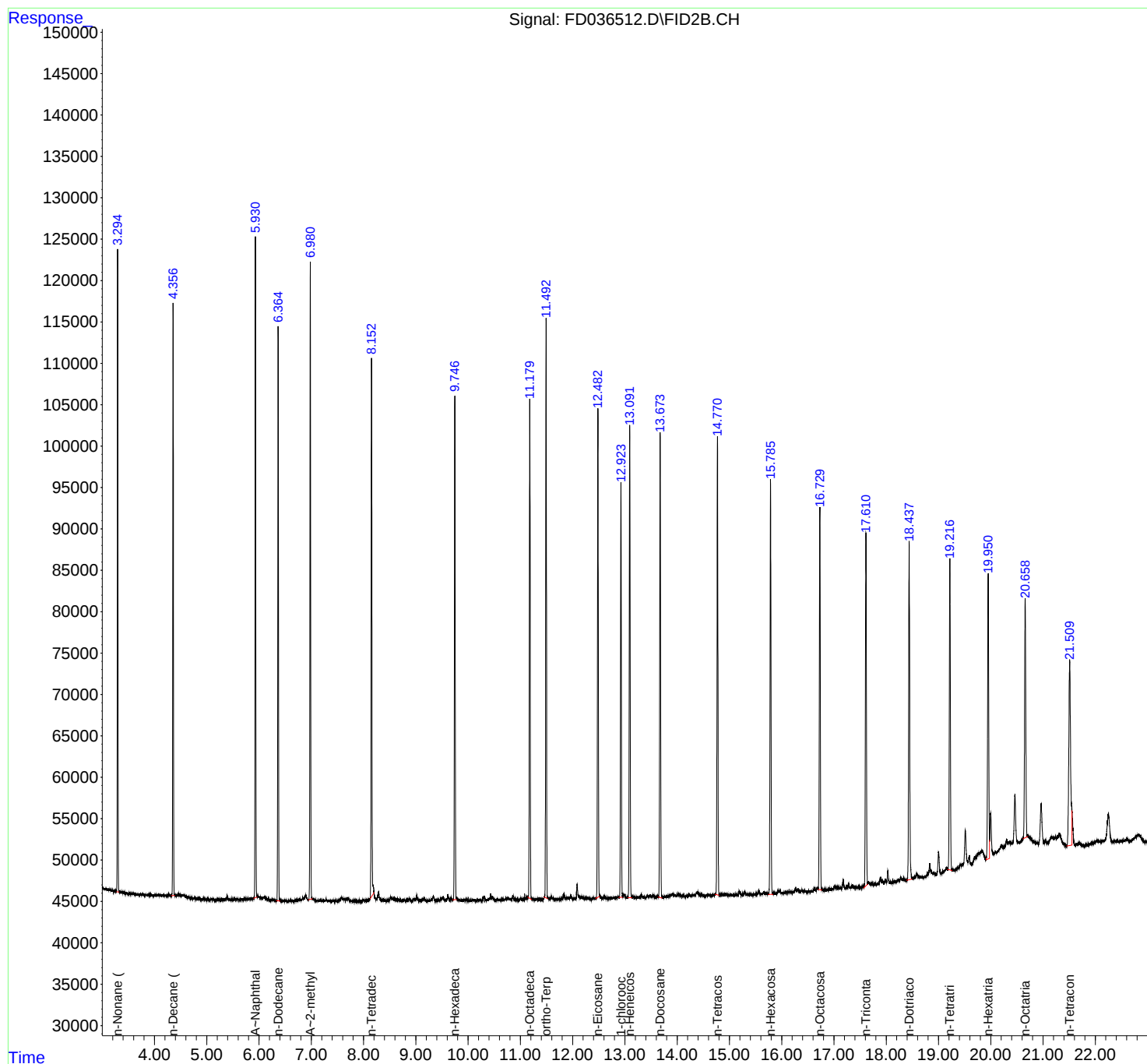
Instrument :
FID_D
ClientSampled :
5 PPM ALIPHATIC HC STD5

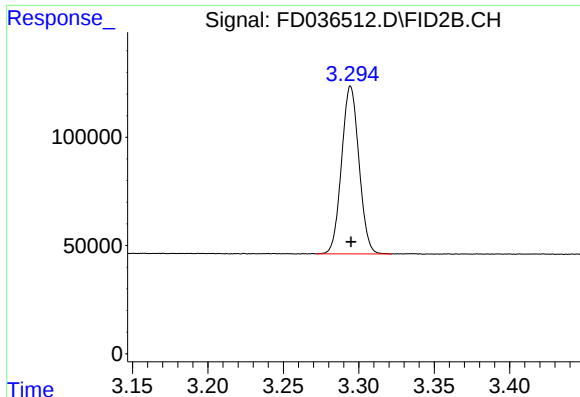
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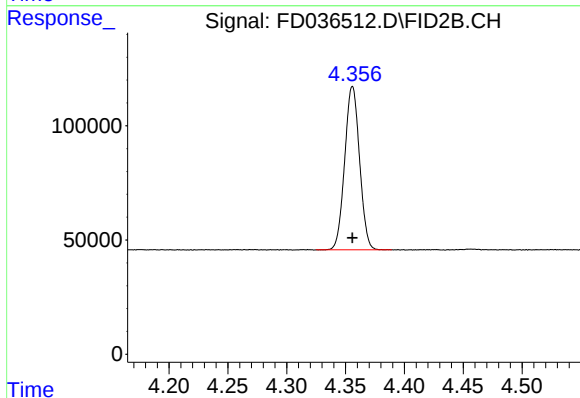
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 621447
Conc: 4.86 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

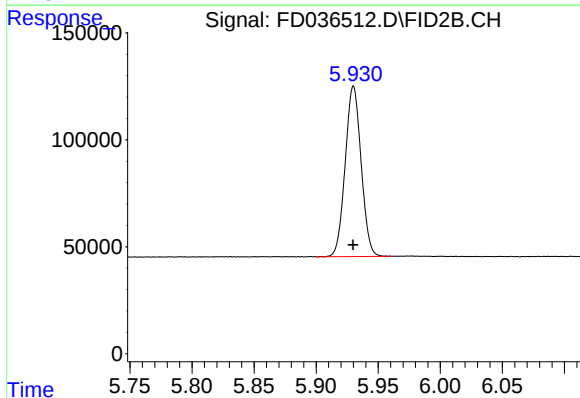
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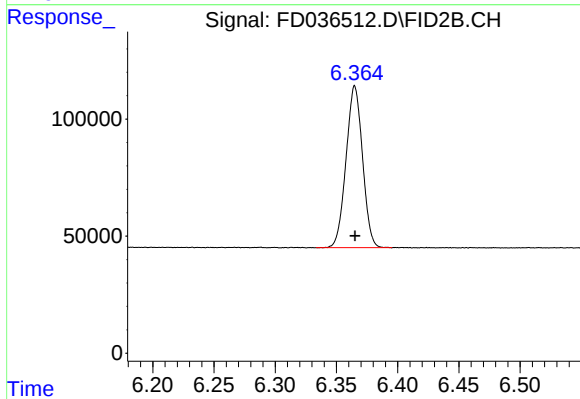
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 629010
Conc: 4.85 ug/ml



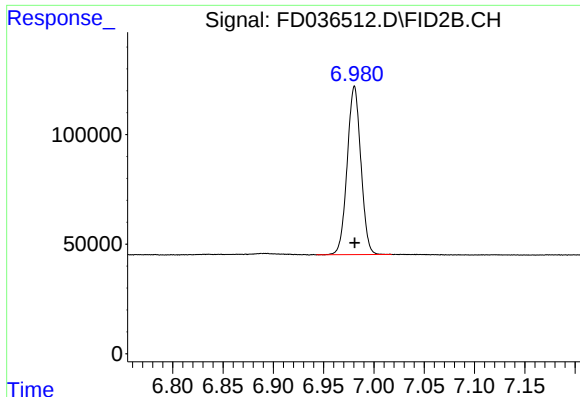
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 712083
Conc: 4.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 647459
Conc: 4.86 ug/ml



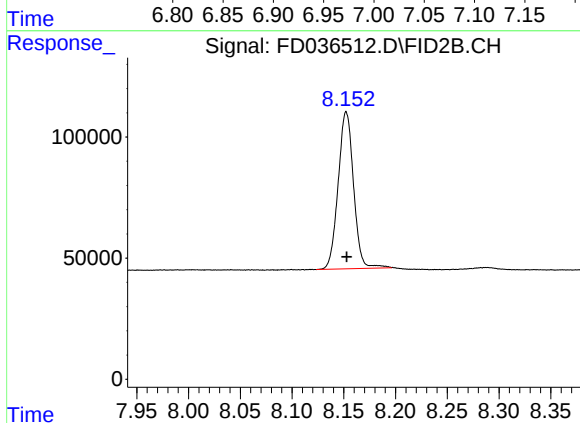
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 727309
Conc: 4.82 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

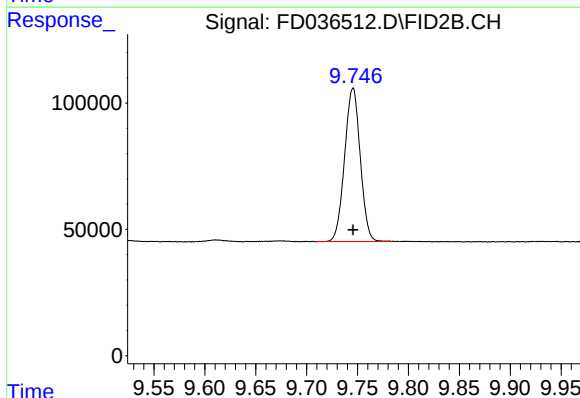
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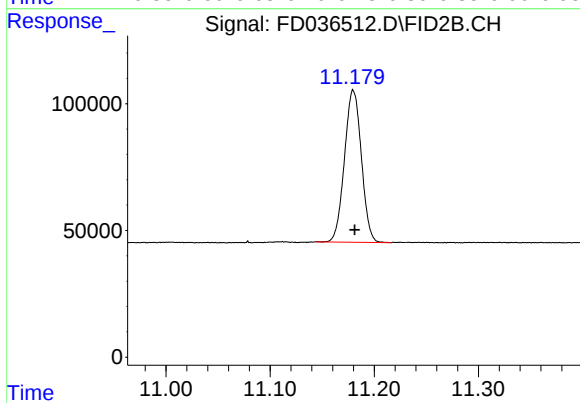
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 672228
Conc: 4.93 ug/ml m



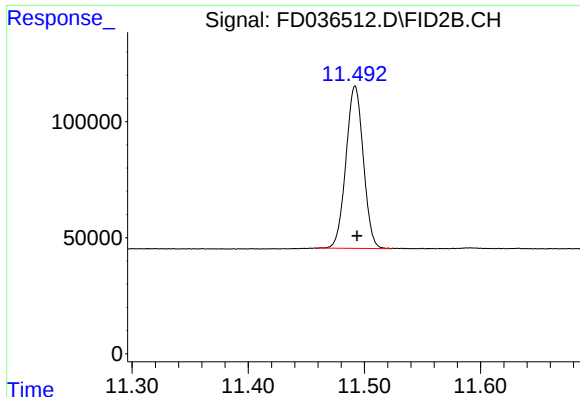
#7 n-Hexadecane (C16)

R.T.: 9.746 min
Delta R.T.: 0.000 min
Response: 649406
Conc: 4.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: -0.002 min
Response: 676871
Conc: 4.86 ug/ml



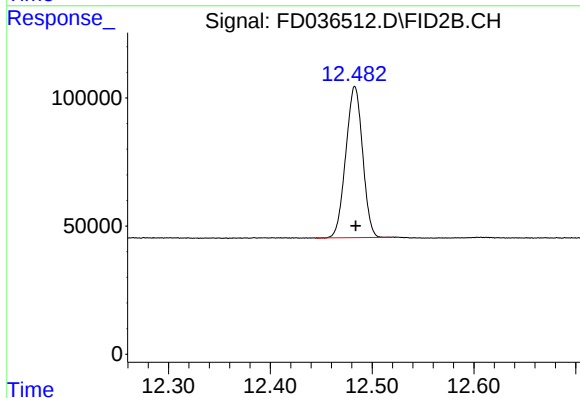
#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 726195
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

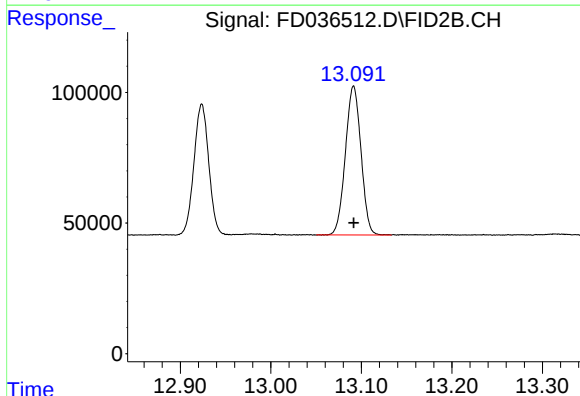
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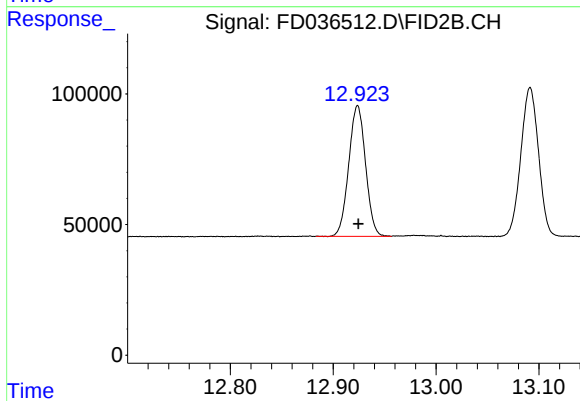
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.000 min
Response: 676822
Conc: 4.87 ug/ml



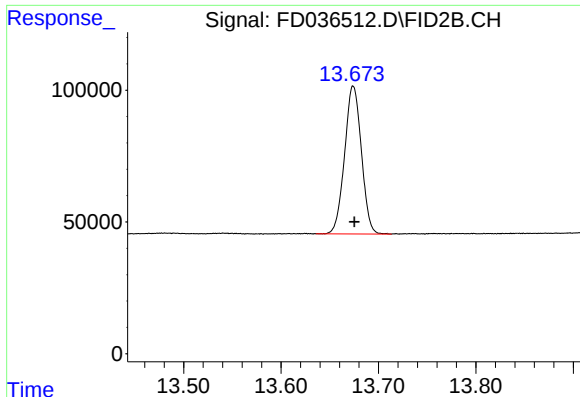
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.000 min
Response: 682006
Conc: 4.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 568100
Conc: 4.85 ug/ml



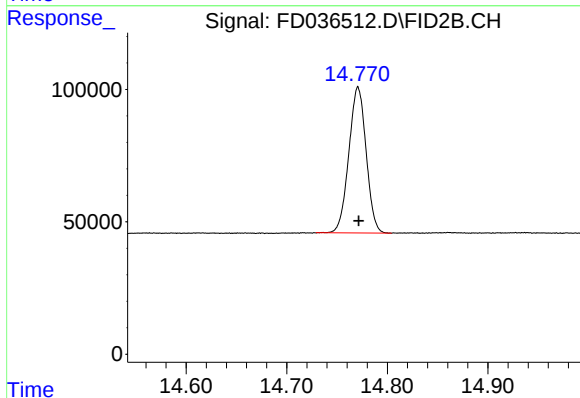
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: -0.001 min
Response: 671739
Conc: 4.92 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

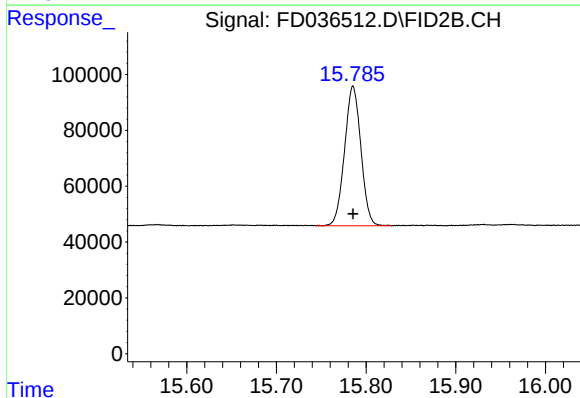
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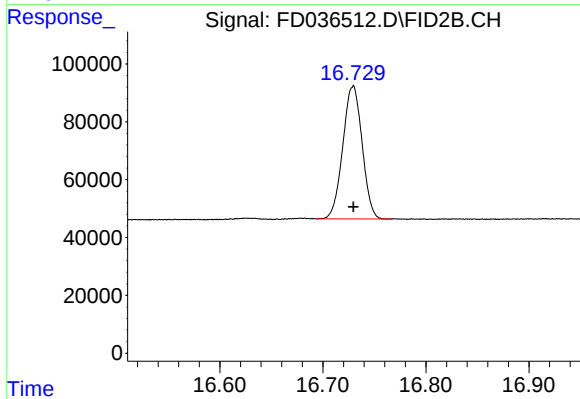
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.000 min
Response: 659146
Conc: 4.96 ug/ml



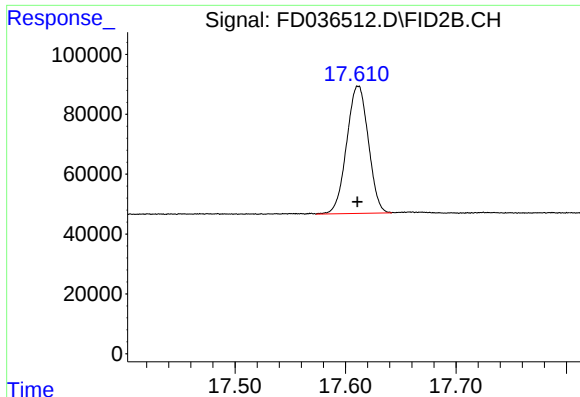
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: 0.000 min
Response: 631936
Conc: 4.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: 0.000 min
Response: 599489
Conc: 4.96 ug/ml



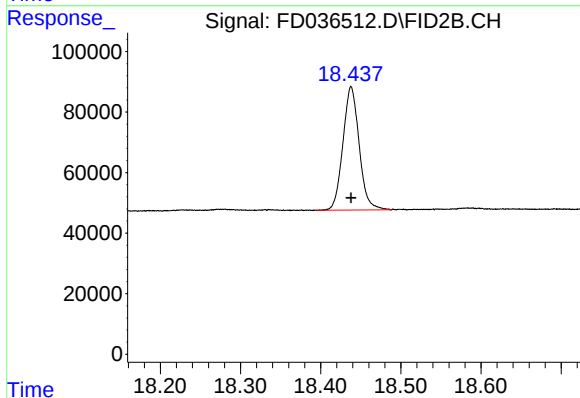
#17 n-Tricontane (C30)

R.T.: 17.611 min
Delta R.T.: 0.000 min
Response: 580286
Conc: 5.06 ug/ml

Instrument :
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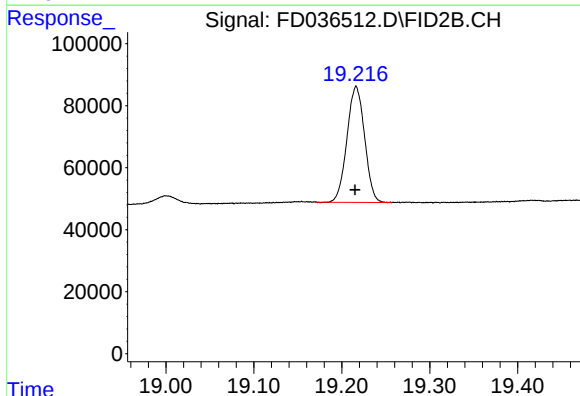
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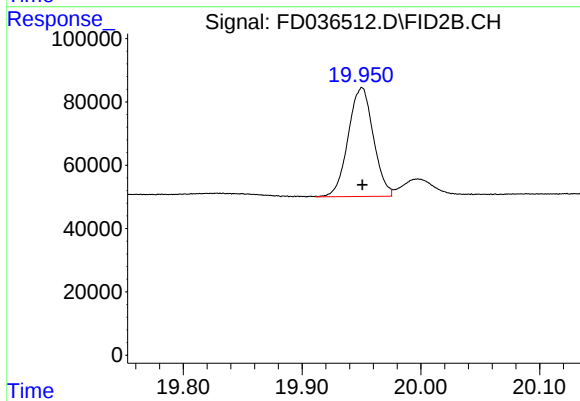
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 573389
Conc: 5.27 ug/ml



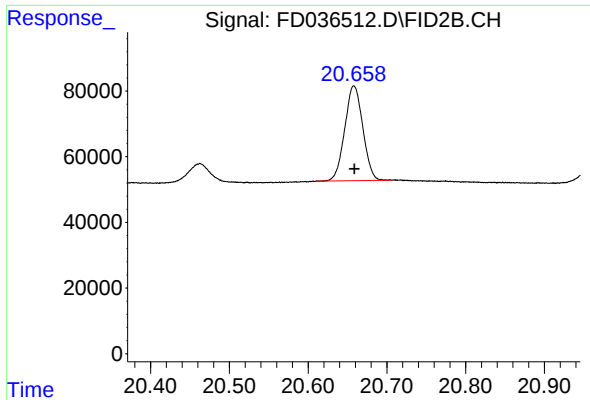
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: 0.001 min
Response: 521603
Conc: 5.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.950 min
Delta R.T.: -0.001 min
Response: 505797
Conc: 5.30 ug/ml m



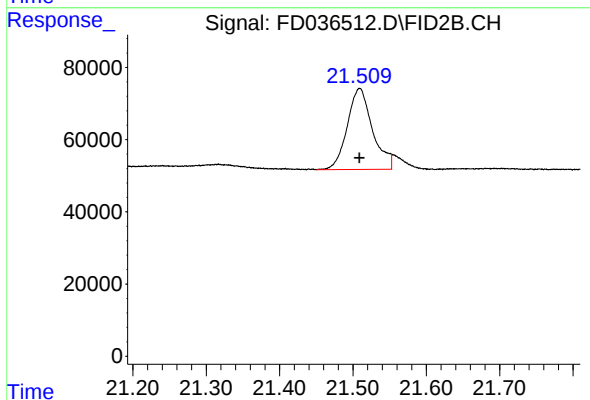
#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: 0.000 min
Response: 460917
Conc: 4.98 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.000 min
Response: 536439
Conc: 5.40 ug/ml m