

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AL\
 Data File : FD041569.D
 Signal(s) : FID2B.CH
 Acq On : 16 Mar 2022 5:42
 Operator : UA/NP
 Sample : PB143377BSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143377BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e
 Quant Time: Mar 17 03:17:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.239	6753495	38.934 ug/ml
Spiked Amount 50.000		Recovery =	77.87%
12) S 1-chlorooctadecane (S...	12.678	5340830	39.449 ug/ml
Spiked Amount 50.000		Recovery =	78.90%
Target Compounds			
1) T n-Nonane (C9)	3.134	8333514	57.228 ug/ml
2) T n-Decane (C10)	4.163	8649925	59.905 ug/ml
3) T A~Naphthalene (C11.7)	5.704	9686024	60.635 ug/ml
4) T n-Dodecane (C12)	6.148	8811624	59.496 ug/ml
5) T A~2-methylnaphthalene...	6.748	9234906	57.707 ug/ml
6) T n-Tetradecane (C14)	7.925	8740900	58.386 ug/ml
7) T n-Hexadecane (C16)	9.511	8696510	57.126 ug/ml
8) T n-Octadecane (C18)	10.943	8788520	56.543 ug/ml
10) T n-Eicosane (C20)	12.243	8739711	56.297 ug/ml
11) T n-Heneicosane (C21)	12.850	8275430	52.849 ug/ml
13) T n-Docosane (C22)	13.432	8119590	51.845 ug/ml
14) T n-Tetracosane (C24)	14.529	8149194	51.954 ug/ml
15) T n-Hexacosane (C26)	15.545	7565332	49.240 ug/ml
16) T n-Octacosane (C28)	16.486	7376386	49.563 ug/ml
17) T n-Tricontane (C30)	17.371	7017591	49.875 ug/ml
18) T n-Dotriacontane (C32)	18.197	6796184	53.418 ug/ml
19) T n-Tetratriacontane (C34)	18.977	6526932	57.305 ug/ml
20) T n-Hexatriacontane (C36)	19.713	6110004	59.614 ug/ml
21) T n-Octatriacontane (C38)	20.409	5652210	59.532 ug/mlm
22) T n-Tetracontane (C40)	21.193	5379173	56.759 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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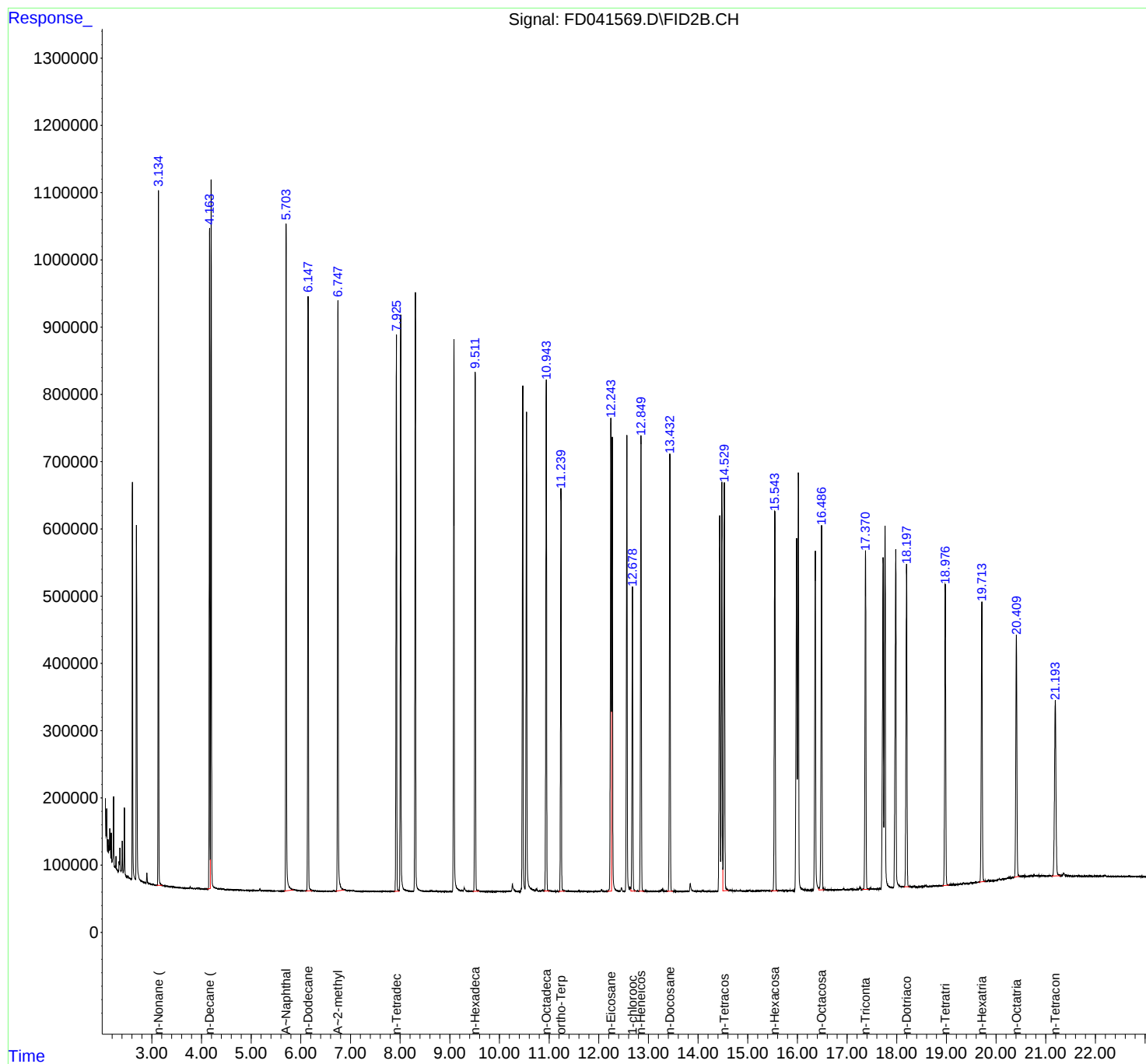
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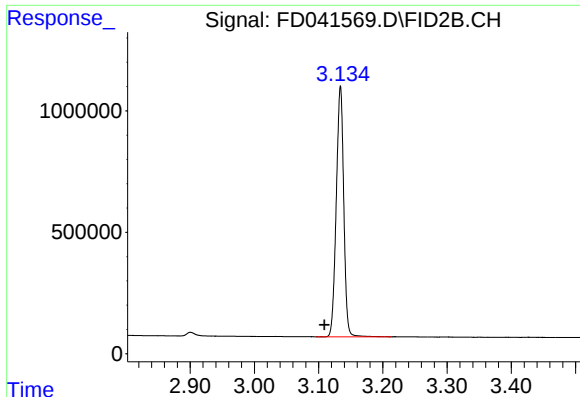
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#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: 0.025 min
Response: 8333514
Conc: 57.23 ug/ml

Instrument :

FID_D

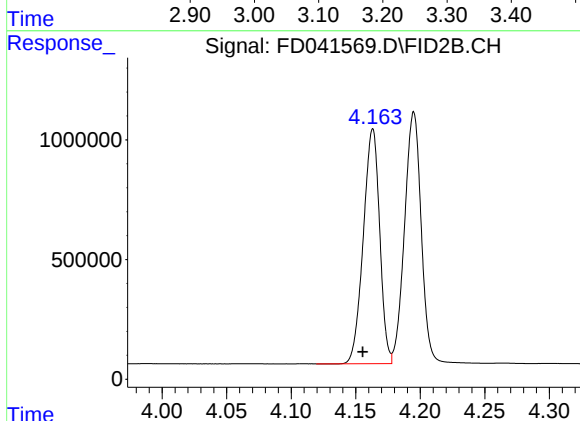
ClientSampleId :

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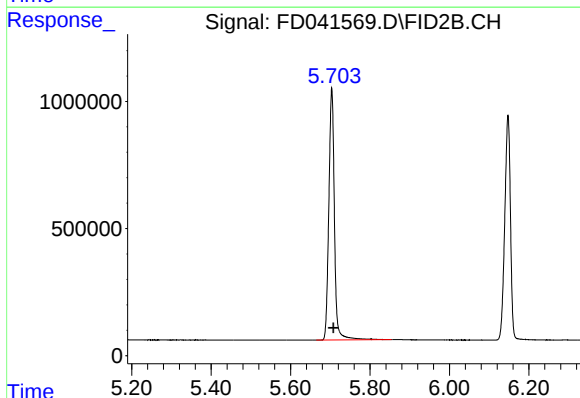
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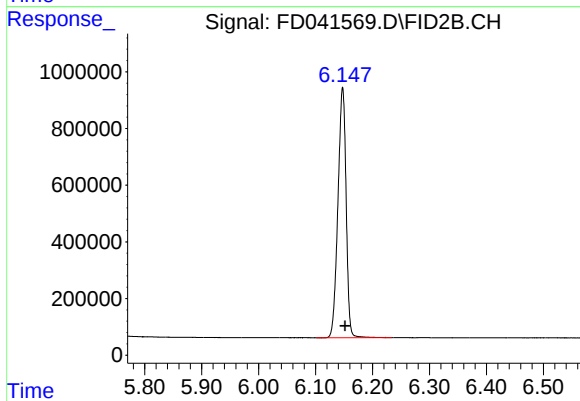
#2 n-Decane (C10)

R.T.: 4.163 min
Delta R.T.: 0.008 min
Response: 8649925
Conc: 59.91 ug/ml



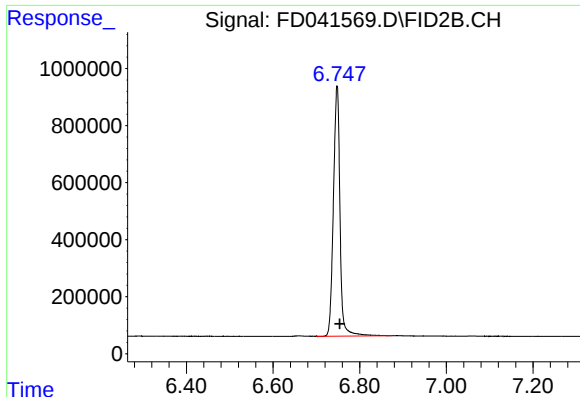
#3 A~Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 9686024
Conc: 60.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.148 min
Delta R.T.: -0.004 min
Response: 8811624
Conc: 59.50 ug/ml



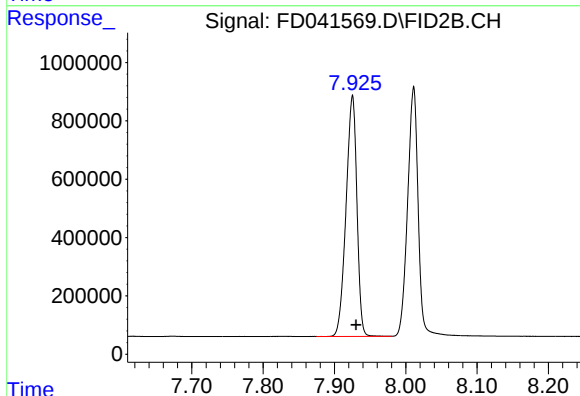
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 9234906
Conc: 57.71 ug/ml

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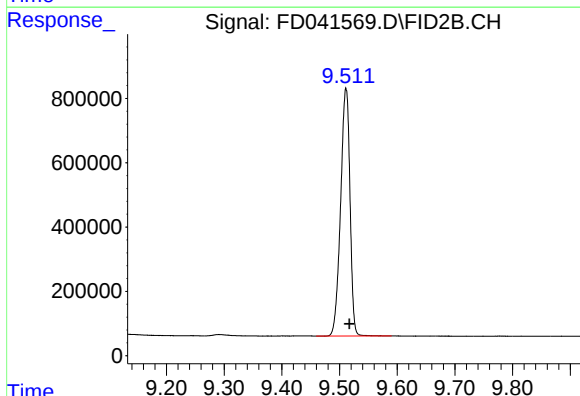
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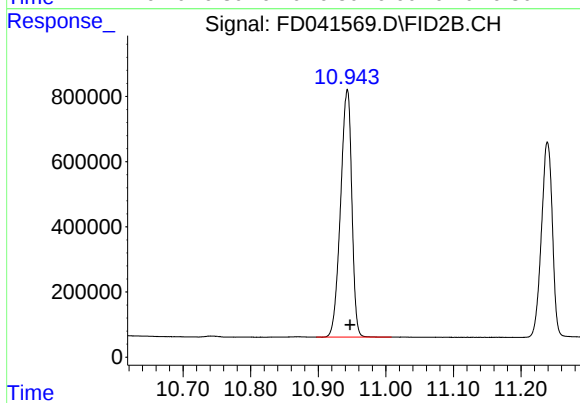
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 8740900
Conc: 58.39 ug/ml



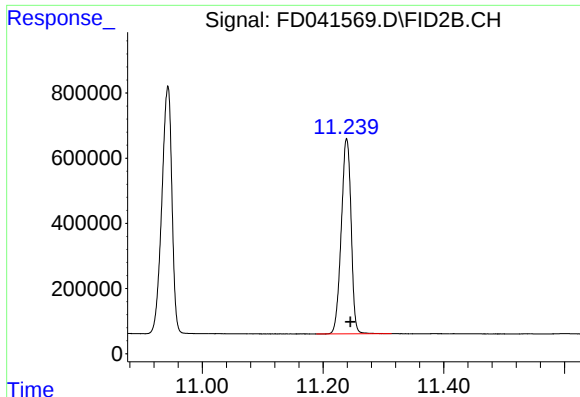
#7 n-Hexadecane (C16)

R.T.: 9.511 min
Delta R.T.: -0.006 min
Response: 8696510
Conc: 57.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.943 min
Delta R.T.: -0.004 min
Response: 8788520
Conc: 56.54 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: -0.007 min
Response: 6753495
Conc: 38.93 ug/ml

Instrument :

FID_D

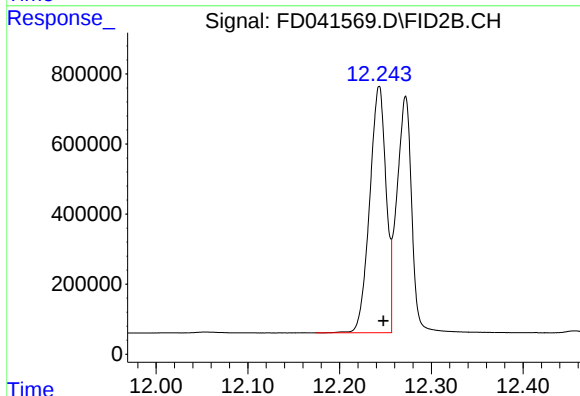
ClientSampleId :

PB143377BSD

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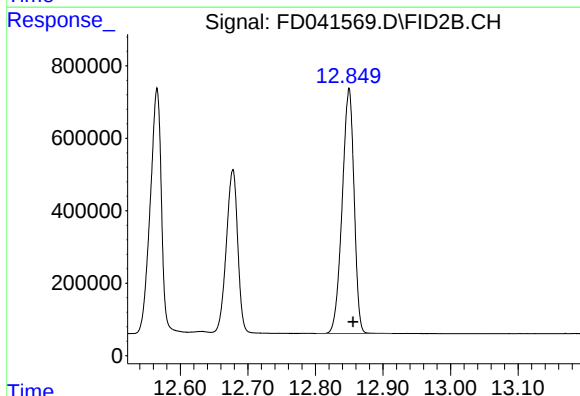
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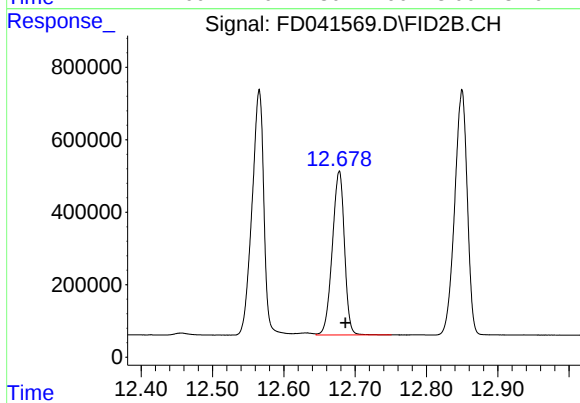
#10 n-Eicosane (C20)

R.T.: 12.243 min
Delta R.T.: -0.005 min
Response: 8739711
Conc: 56.30 ug/ml



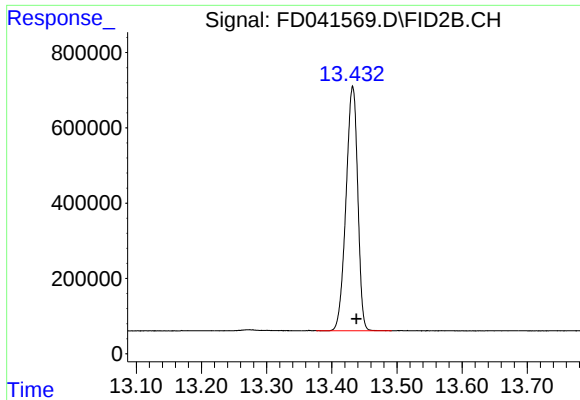
#11 n-Heneicosane (C21)

R.T.: 12.850 min
Delta R.T.: -0.006 min
Response: 8275430
Conc: 52.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.678 min
Delta R.T.: -0.008 min
Response: 5340830
Conc: 39.45 ug/ml



#13 n-Docosane (C22)

R.T.: 13.432 min
Delta R.T.: -0.006 min
Response: 8119590
Conc: 51.85 ug/ml

Instrument :

FID_D

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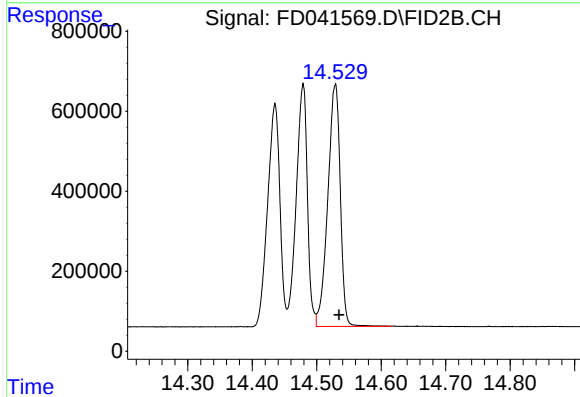
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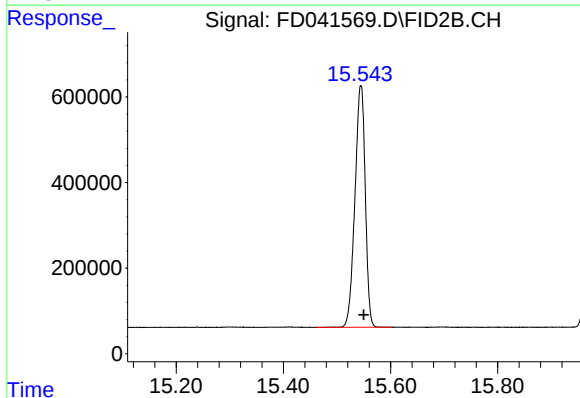
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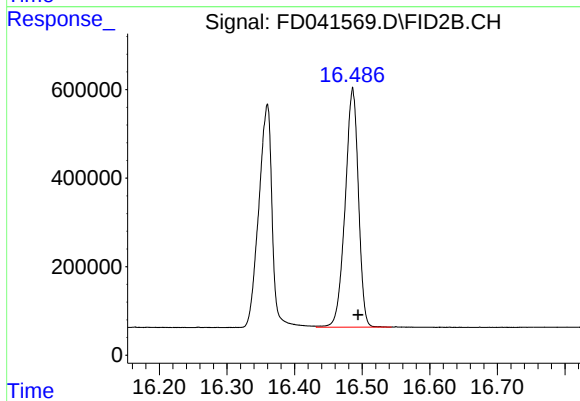
#14 n-Tetracosane (C24)

R.T.: 14.529 min
Delta R.T.: -0.006 min
Response: 8149194
Conc: 51.95 ug/ml



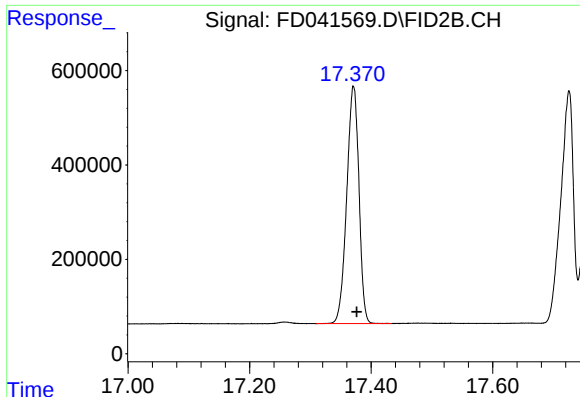
#15 n-Hexacosane (C26)

R.T.: 15.545 min
Delta R.T.: -0.005 min
Response: 7565332
Conc: 49.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.486 min
Delta R.T.: -0.008 min
Response: 7376386
Conc: 49.56 ug/ml



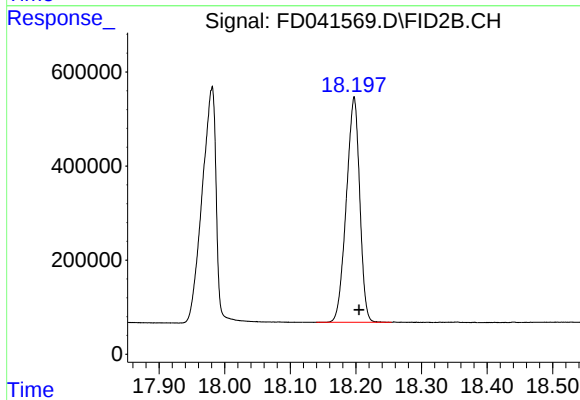
#17 n-Tricontane (C30)

R.T.: 17.371 min
Delta R.T.: -0.005 min
Response: 7017591
Conc: 49.87 ug/ml

Instrument :
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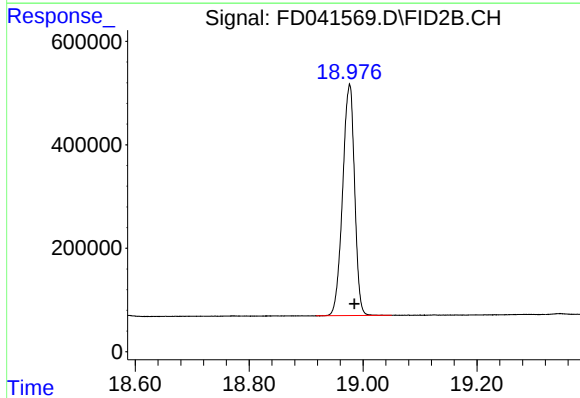
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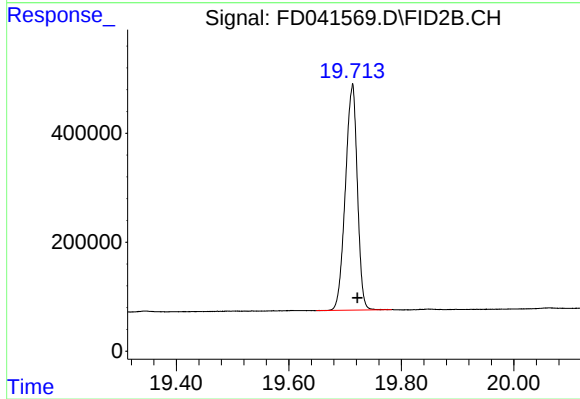
#18 n-Dotriacontane (C32)

R.T.: 18.197 min
Delta R.T.: -0.007 min
Response: 6796184
Conc: 53.42 ug/ml



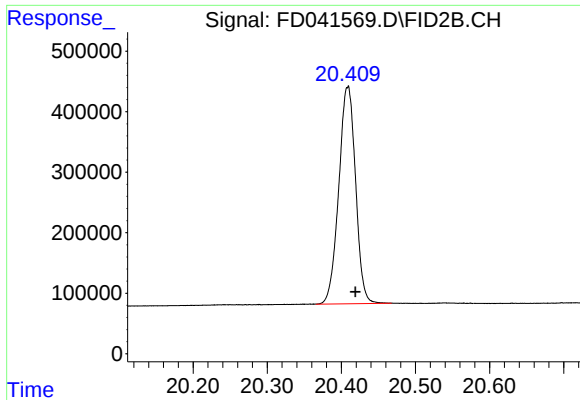
#19 n-Tetratriacontane (C34)

R.T.: 18.977 min
Delta R.T.: -0.008 min
Response: 6526932
Conc: 57.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.713 min
Delta R.T.: -0.008 min
Response: 6110004
Conc: 59.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.409 min
Delta R.T.: -0.010 min
Response: 5652210
Conc: 59.53 ug/ml

Instrument :

FID_D

ClientSampleId :

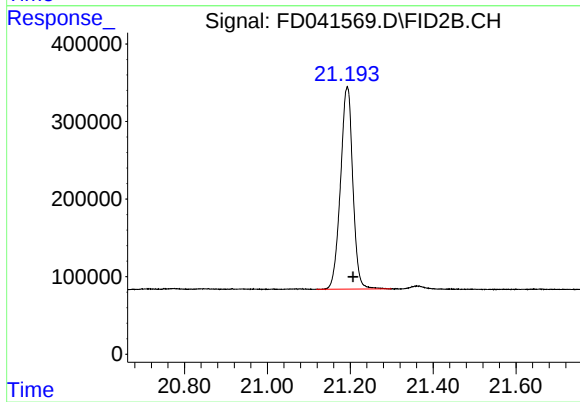
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#22 n-Tetracontane (C40)

R.T.: 21.193 min
Delta R.T.: -0.013 min
Response: 5379173
Conc: 56.76 ug/ml