

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AL\
 Data File : FD041575.D
 Signal(s) : FID2B.CH
 Acq On : 16 Mar 2022 9:38
 Operator : UA/NP
 Sample : N1944-03MSD
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 CHRT-24449MSD

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 03:41:37 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)	11.285	16472789	94.965 ug/mlm
Spiked Amount 50.000		Recovery =	189.93%
12) S 1-chlorooctadecane (S...	12.722	5525227	40.811 ug/mlm
Spiked Amount 50.000		Recovery =	81.62%
Target Compounds			
1) T n-Nonane (C9)	3.104	5157828	35.420 ug/ml
2) T n-Decane (C10)	4.150	6033923	41.788 ug/ml
3) T A~Naphthalene (C11.7)	5.699	7429041	46.506 ug/ml
4) T n-Dodecane (C12)	6.146	7248660	48.943 ug/ml
5) T A~2-methylnaphthalene...	6.746	8276248	51.717 ug/mlm
6) T n-Tetradecane (C14)	7.932	8118156	54.227 ug/mlm
7) T n-Hexadecane (C16)	9.535	9253689	60.786 ug/mlm
8) T n-Octadecane (C18)	10.948	1178124	7.580 ug/mlm
10) T n-Eicosane (C20)	12.247	1890970	12.181 ug/mlm
11) T n-Heneicosane (C21)	12.891	7734315	49.394 ug/mlm
13) T n-Docosane (C22)	13.458	9211058	58.815 ug/mlm
14) T n-Tetracosane (C24)	14.534	7668238	48.888 ug/mlm
15) T n-Hexacosane (C26)	15.546	7406568	48.206 ug/mlm
16) T n-Octacosane (C28)	16.487	7410832	49.795 ug/ml
17) T n-Tricontane (C30)	17.373	6892935	48.989 ug/ml
18) T n-Dotriacontane (C32)	18.197	6942772	54.570 ug/ml
19) T n-Tetratriacontane (C34)	18.977	7041638	61.824 ug/ml
20) T n-Hexatriacontane (C36)	19.713	6625622	64.644 ug/ml
21) T n-Octatriacontane (C38)	20.410	6566794	69.165 ug/mlm
22) T n-Tetracontane (C40)	21.194	6569726	69.321 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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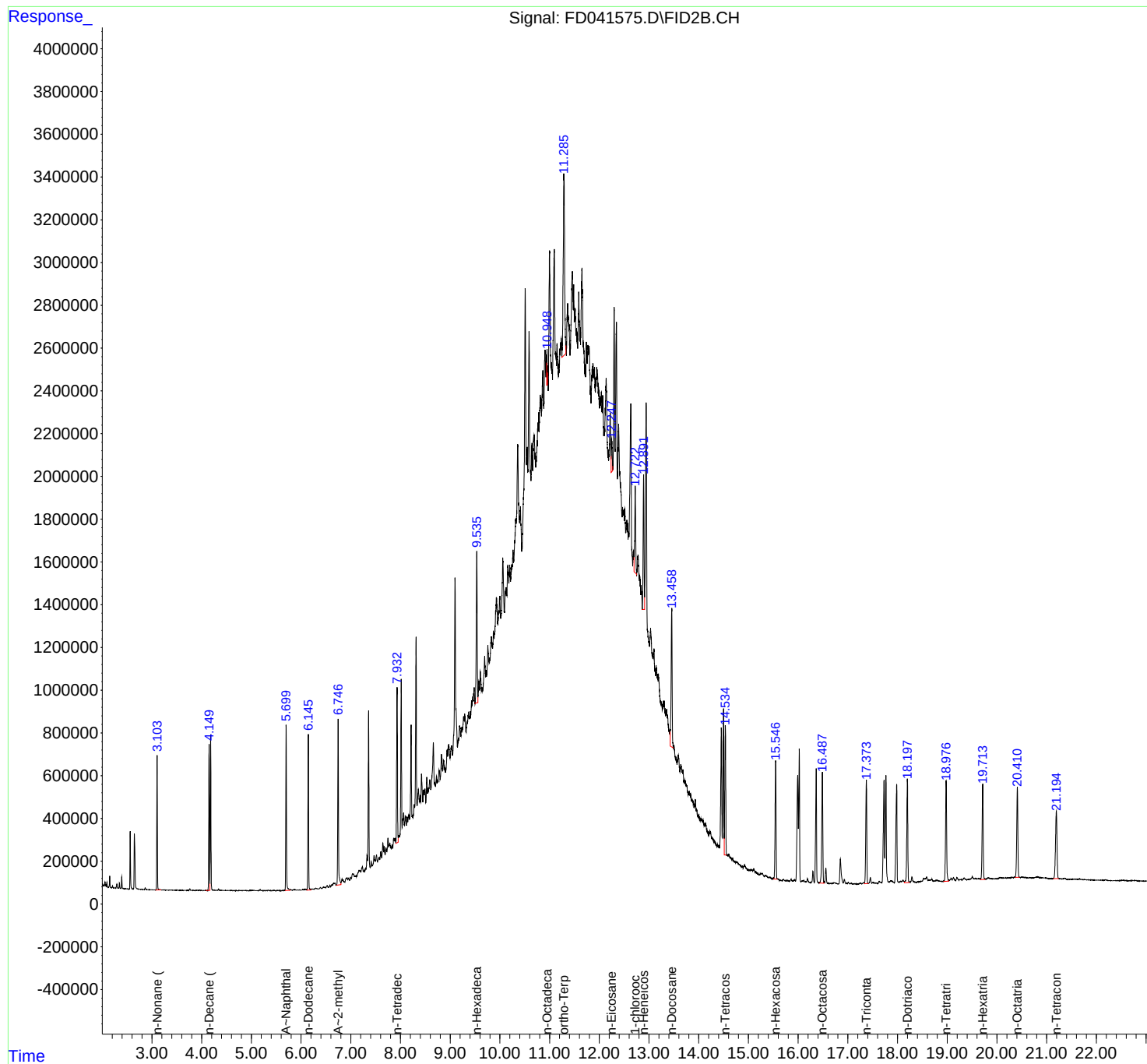
Instrument :
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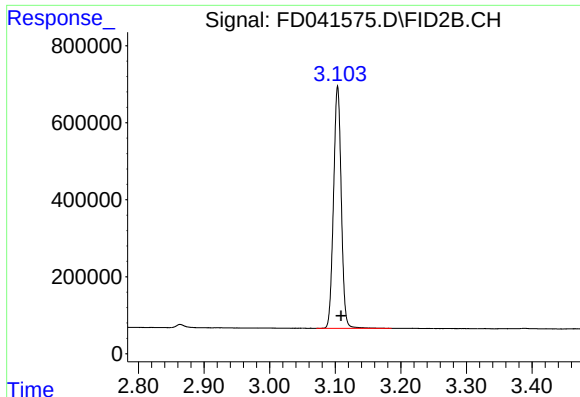
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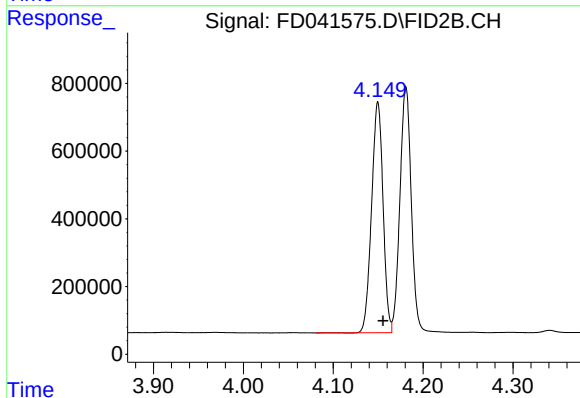
#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: -0.005 min
Response: 5157828
Conc: 35.42 ug/ml

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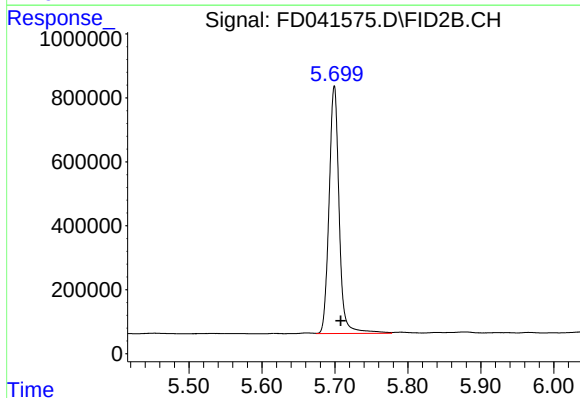
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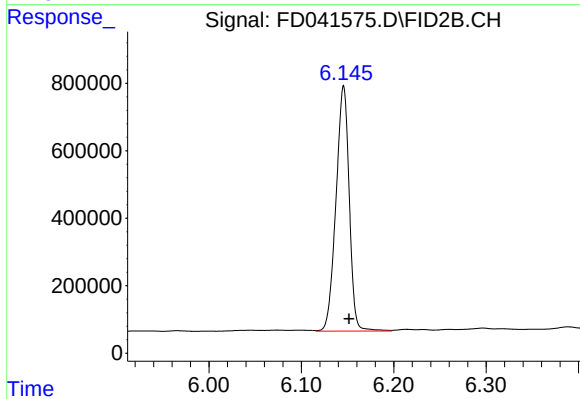
#2 n-Decane (C10)

R.T.: 4.150 min
Delta R.T.: -0.006 min
Response: 6033923
Conc: 41.79 ug/ml



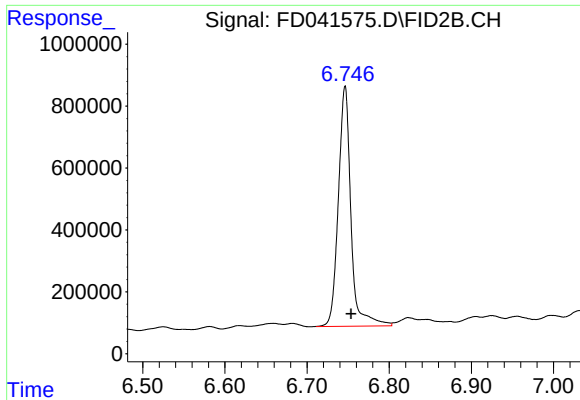
#3 A~Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.009 min
Response: 7429041
Conc: 46.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.146 min
Delta R.T.: -0.006 min
Response: 7248660
Conc: 48.94 ug/ml



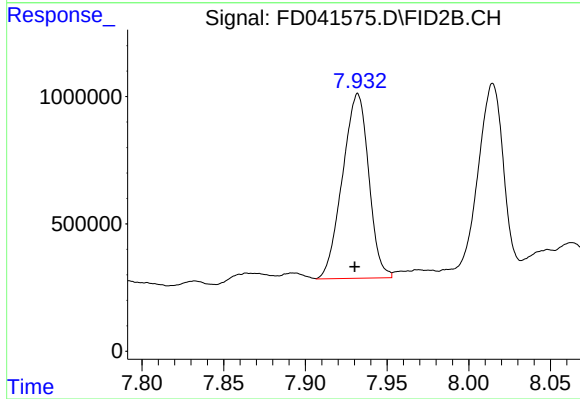
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 8276248
Conc: 51.72 ug/ml

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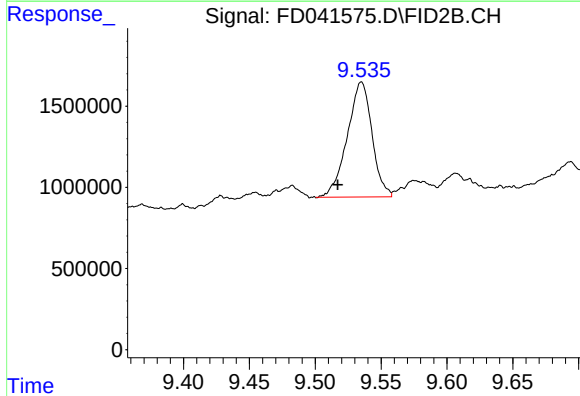
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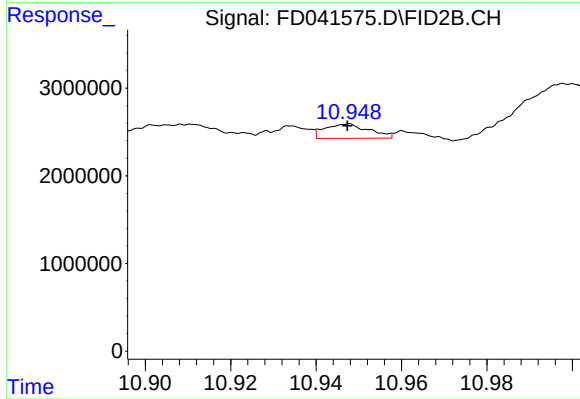
#6 n-Tetradecane (C14)

R.T.: 7.932 min
Delta R.T.: 0.002 min
Response: 8118156
Conc: 54.23 ug/ml m



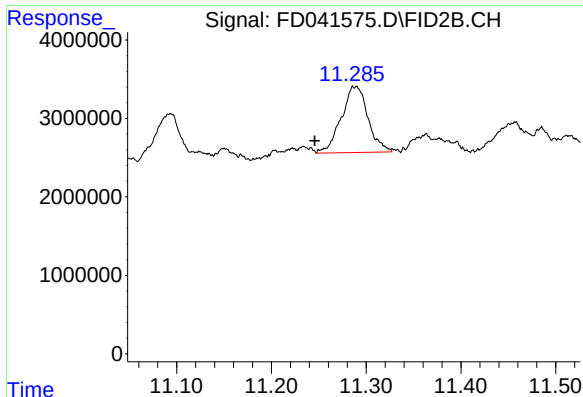
#7 n-Hexadecane (C16)

R.T.: 9.535 min
Delta R.T.: 0.018 min
Response: 9253689
Conc: 60.79 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.948 min
Delta R.T.: 0.000 min
Response: 1178124
Conc: 7.58 ug/ml m



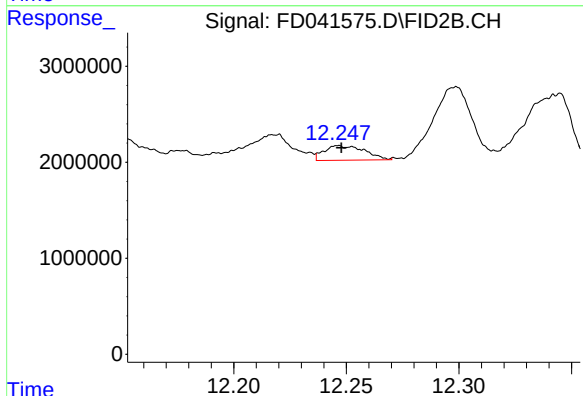
#9 ortho-Terphenyl (SURR)

R.T.: 11.285 min
Delta R.T.: 0.040 min
Response: 16472789
Conc: 94.96 ug/ml

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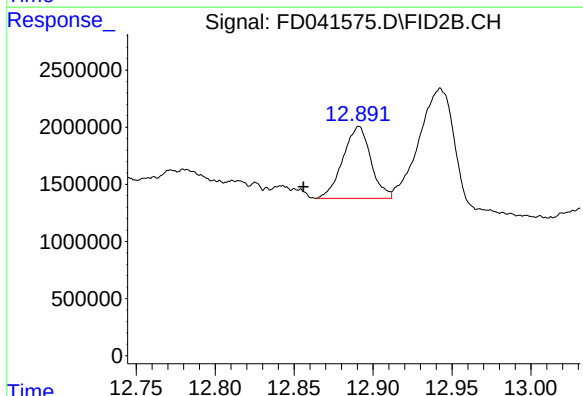
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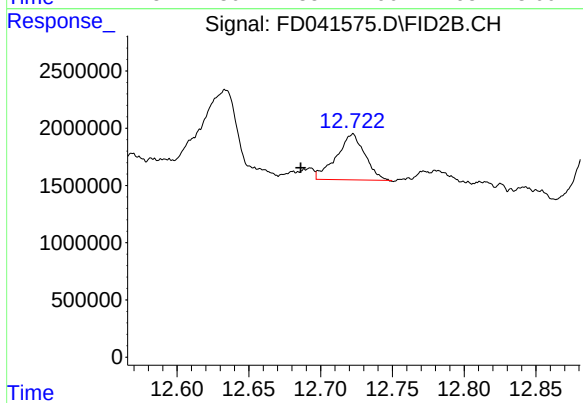
#10 n-Eicosane (C20)

R.T.: 12.247 min
Delta R.T.: -0.001 min
Response: 1890970
Conc: 12.18 ug/ml m



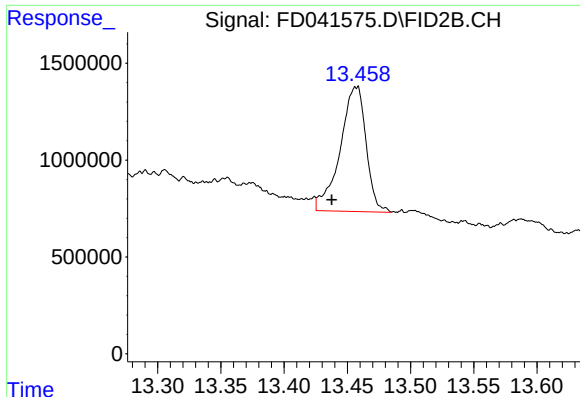
#11 n-Heneicosane (C21)

R.T.: 12.891 min
Delta R.T.: 0.035 min
Response: 7734315
Conc: 49.39 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.722 min
Delta R.T.: 0.036 min
Response: 5525227
Conc: 40.81 ug/ml m



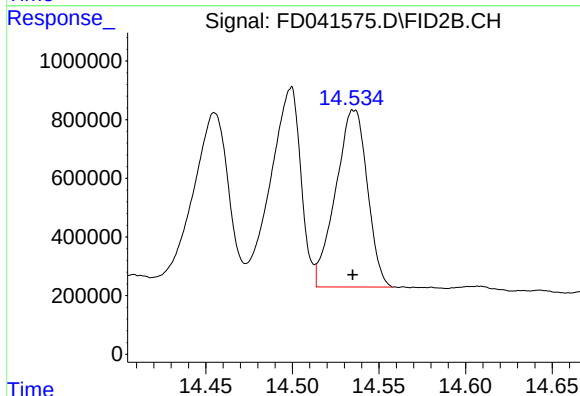
#13 n-Docosane (C22)

R.T.: 13.458 min
Delta R.T.: 0.021 min
Response: 9211058
Conc: 58.81 ug/ml

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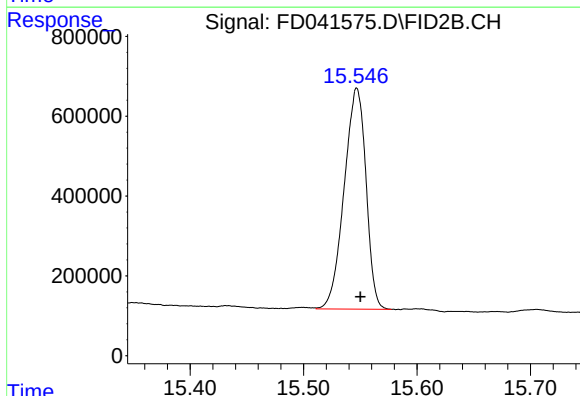
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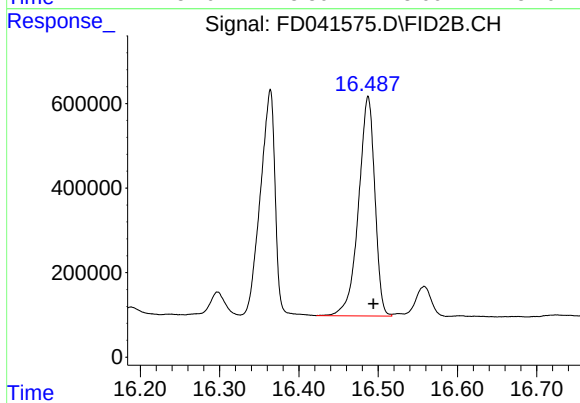
#14 n-Tetracosane (C24)

R.T.: 14.534 min
Delta R.T.: 0.000 min
Response: 7668238
Conc: 48.89 ug/ml m



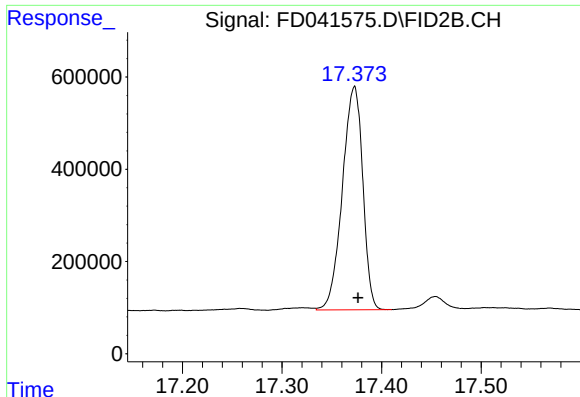
#15 n-Hexacosane (C26)

R.T.: 15.546 min
Delta R.T.: -0.004 min
Response: 7406568
Conc: 48.21 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.487 min
Delta R.T.: -0.007 min
Response: 7410832
Conc: 49.79 ug/ml



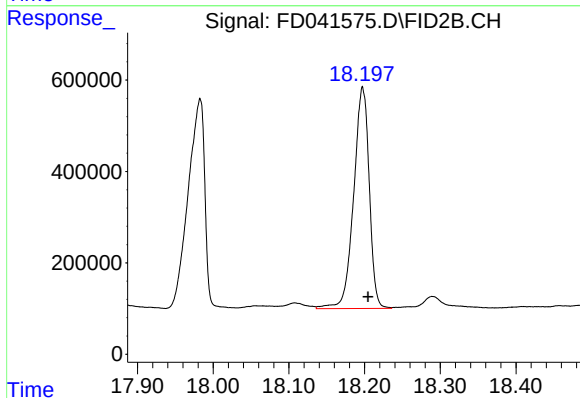
#17 n-Tricontane (C30)

R.T.: 17.373 min
Delta R.T.: -0.004 min
Response: 6892935
Conc: 48.99 ug/ml

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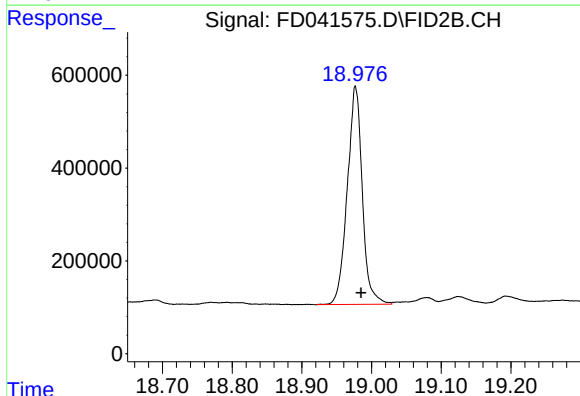
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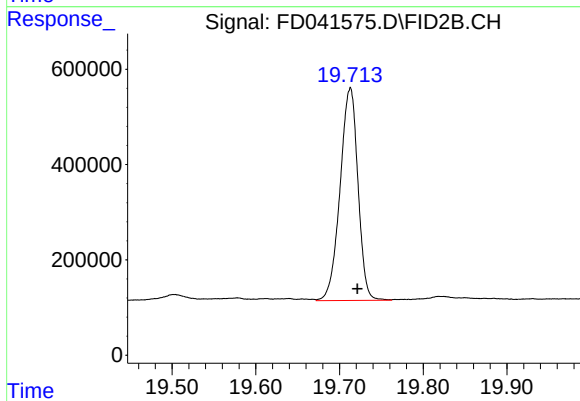
#18 n-Dotriacontane (C32)

R.T.: 18.197 min
Delta R.T.: -0.007 min
Response: 6942772
Conc: 54.57 ug/ml



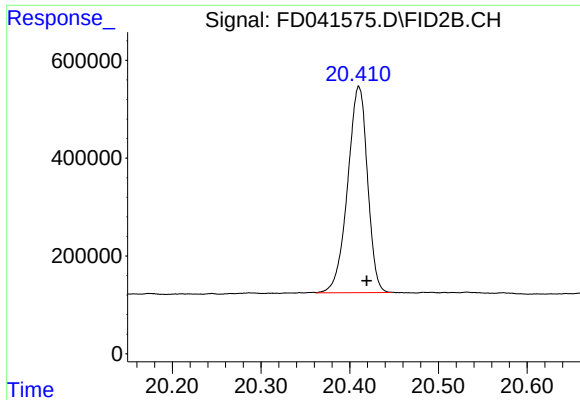
#19 n-Tetratriacontane (C34)

R.T.: 18.977 min
Delta R.T.: -0.008 min
Response: 7041638
Conc: 61.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.713 min
Delta R.T.: -0.009 min
Response: 6625622
Conc: 64.64 ug/ml



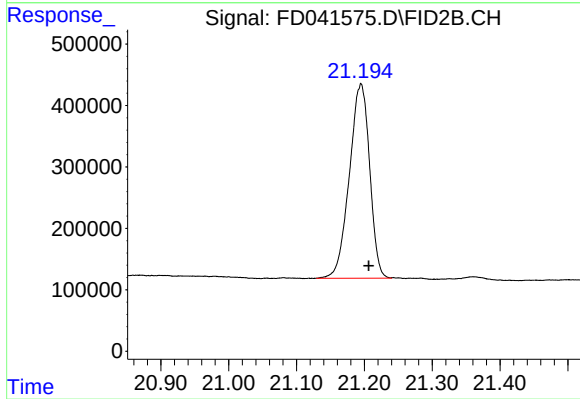
#21 n-Octatriacontane (C38)

R.T.: 20.410 min
Delta R.T.: -0.009 min
Response: 6566794
Conc: 69.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.194 min
Delta R.T.: -0.012 min
Response: 6569726
Conc: 69.32 ug/ml m