

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031022AL\
 Data File : FD041490.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2022 19:04
 Operator : UA/NP
 Sample : N1863-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 CHRT-25720MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: sample.E
 Quant Time: Mar 11 02:32:14 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)	11.245	5970258	34.418 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
12) S 1-chlorooctadecane (S...	12.685	4900564	36.197 ug/ml
Spiked Amount 50.000		Recovery =	72.39%
Target Compounds			
1) T n-Nonane (C9)	3.109	5045431	34.648 ug/ml
2) T n-Decane (C10)	4.155	5696570	39.452 ug/ml
3) T A~Naphthalene (C11.7)	5.704	6713412	42.026 ug/ml
4) T n-Dodecane (C12)	6.150	6237817	42.118 ug/ml
5) T A~2-methylnaphthalene...	6.751	6999257	43.737 ug/ml
6) T n-Tetradecane (C14)	7.930	7074280	47.254 ug/ml
7) T n-Hexadecane (C16)	9.516	7822754	51.386 ug/ml
8) T n-Octadecane (C18)	10.948	8245950	53.053 ug/ml
10) T n-Eicosane (C20)	12.251	8417647	54.222 ug/ml
11) T n-Heneicosane (C21)	12.858	8388964	53.575 ug/ml
13) T n-Docosane (C22)	13.441	7937526	50.683 ug/mlm
14) T n-Tetracosane (C24)	14.540	7229373	46.090 ug/mlm
15) T n-Hexacosane (C26)	15.556	7091337	46.155 ug/mlm
16) T n-Octacosane (C28)	16.497	7120211	47.842 ug/mlm
17) T n-Tricontane (C30)	17.381	6741795	47.915 ug/ml
18) T n-Dotriacontane (C32)	18.207	6620471	52.037 ug/ml
19) T n-Tetratriacontane (C34)	18.986	6857905	60.211 ug/ml
20) T n-Hexatriacontane (C36)	19.721	6427690	62.713 ug/ml
21) T n-Octatriacontane (C38)	20.418	6356462	66.950 ug/mlm
22) T n-Tetracontane (C40)	21.206	6410431	67.640 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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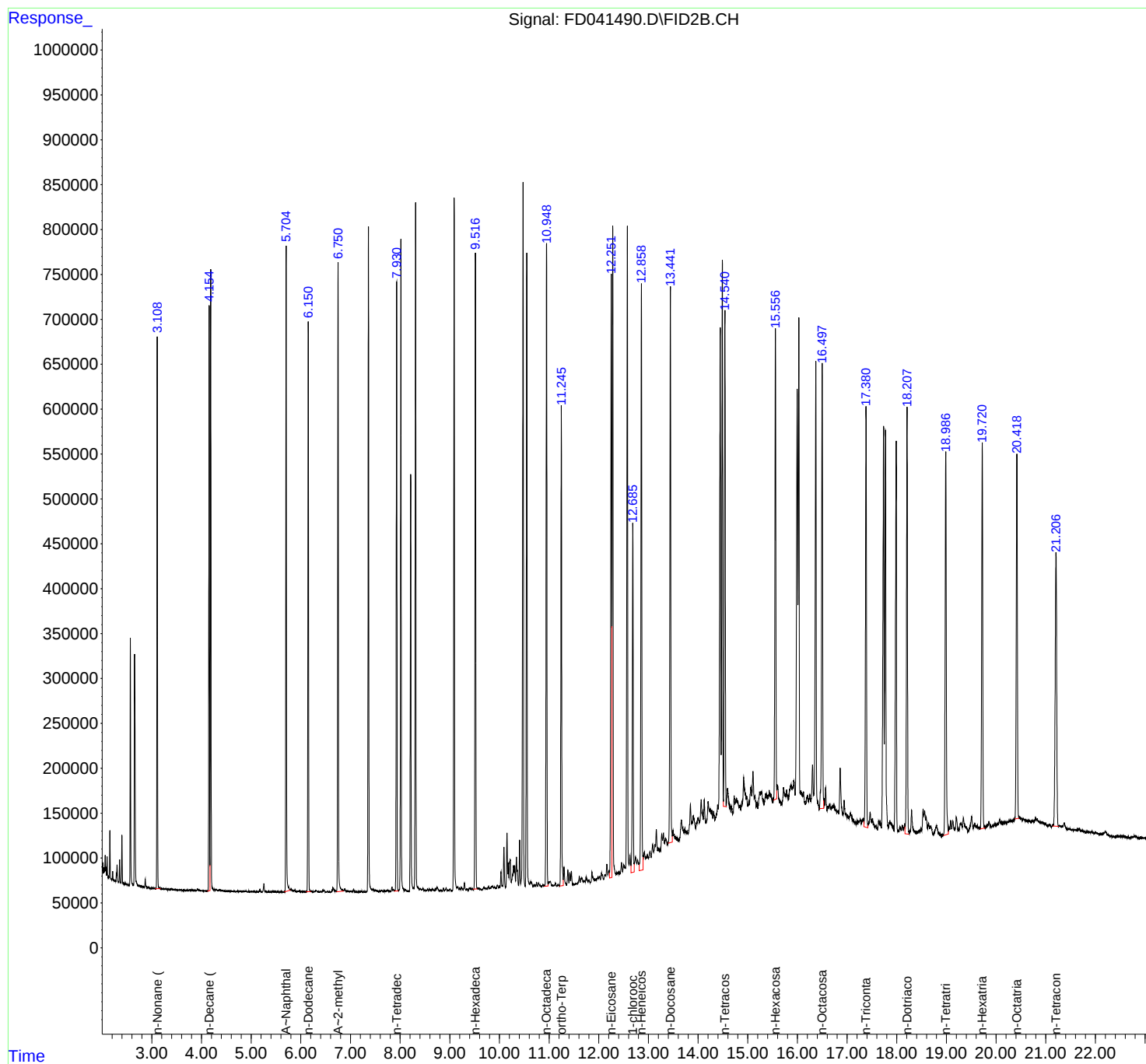
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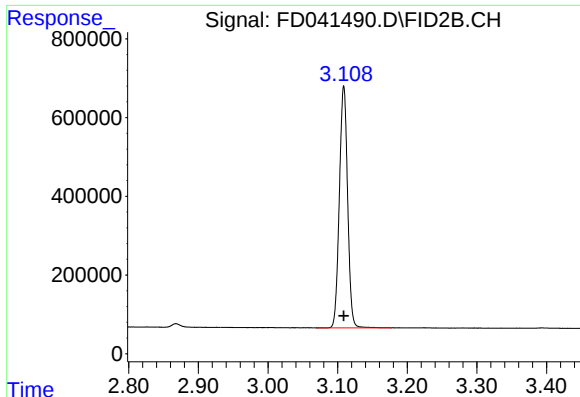
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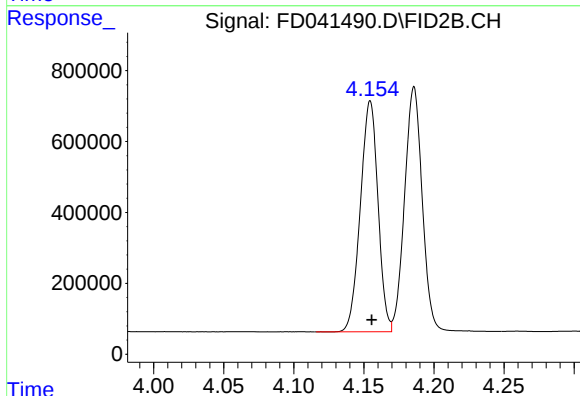
#1 n-Nonane (C9)

R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 5045431
Conc: 34.65 ug/ml

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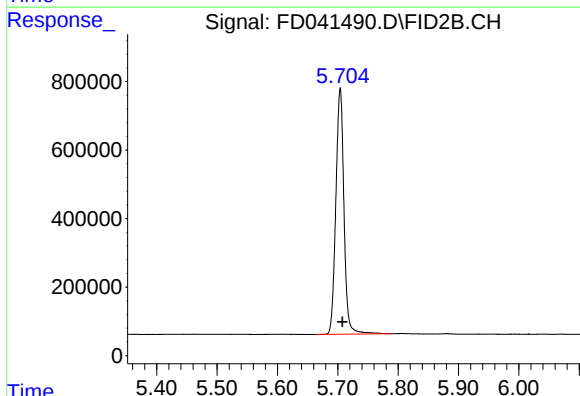
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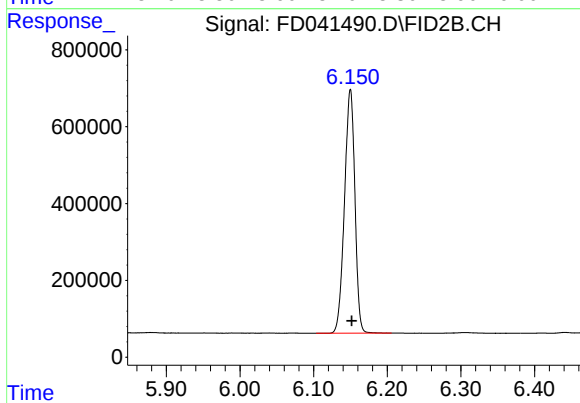
#2 n-Decane (C10)

R.T.: 4.155 min
Delta R.T.: -0.001 min
Response: 5696570
Conc: 39.45 ug/ml



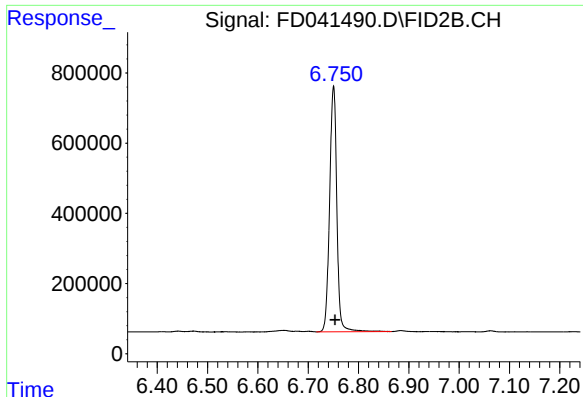
#3 A~Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 6713412
Conc: 42.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.150 min
Delta R.T.: -0.002 min
Response: 6237817
Conc: 42.12 ug/ml



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

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 6999257
Conc: 43.74 ug/ml

Instrument :

FID_D

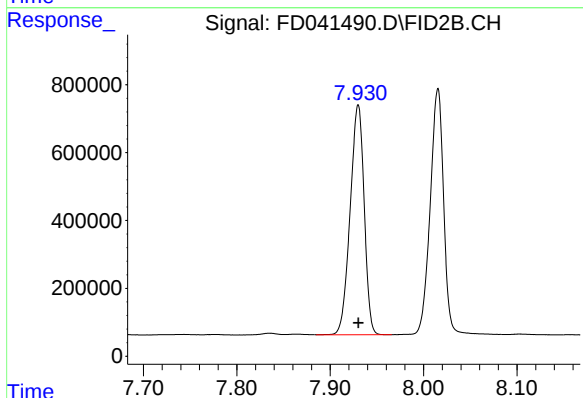
ClientSampleId :

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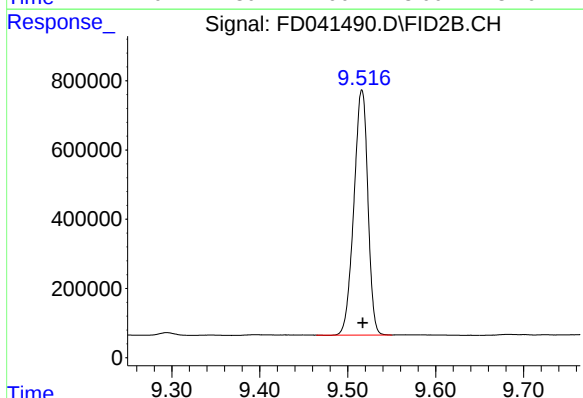
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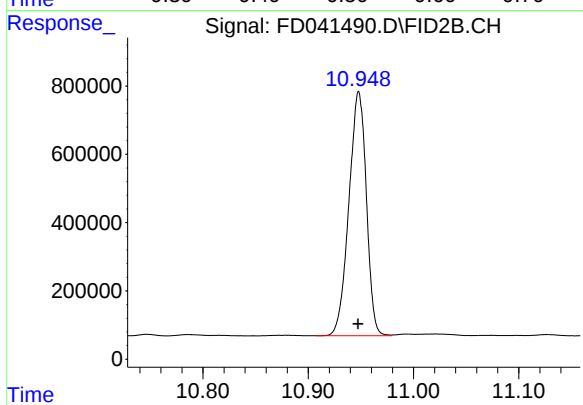
#6 n-Tetradecane (C14)

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 7074280
Conc: 47.25 ug/ml



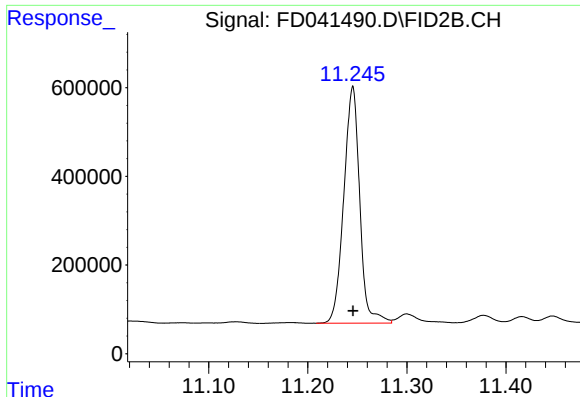
#7 n-Hexadecane (C16)

R.T.: 9.516 min
Delta R.T.: -0.001 min
Response: 7822754
Conc: 51.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.948 min
Delta R.T.: 0.000 min
Response: 8245950
Conc: 53.05 ug/ml



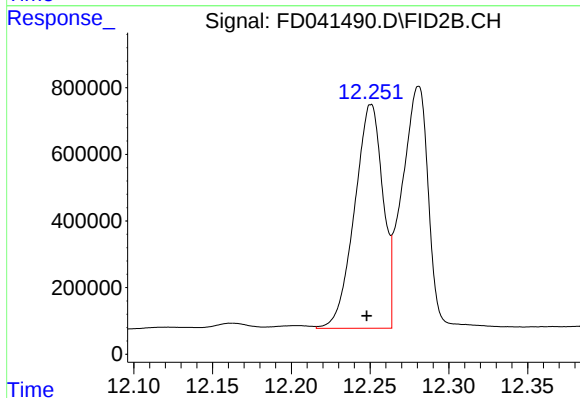
#9 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: 0.000 min
Response: 5970258
Conc: 34.42 ug/ml

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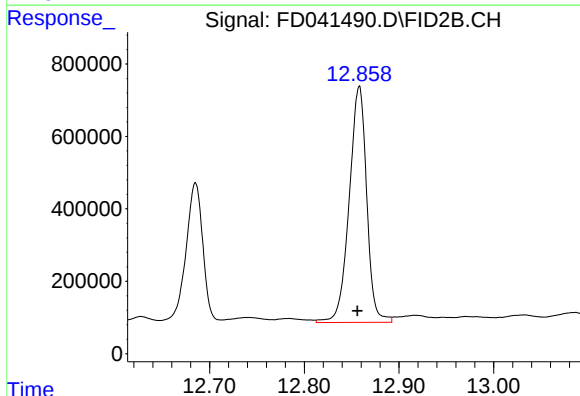
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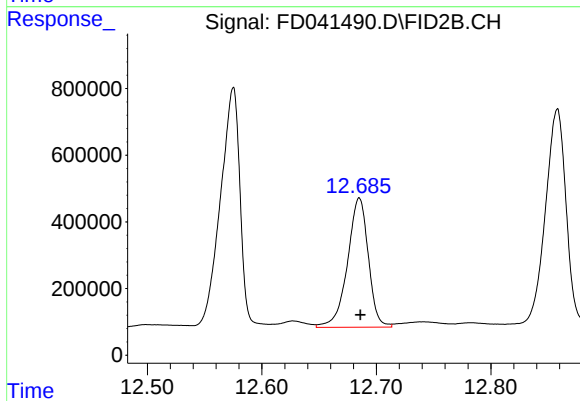
#10 n-Eicosane (C20)

R.T.: 12.251 min
Delta R.T.: 0.003 min
Response: 8417647
Conc: 54.22 ug/ml



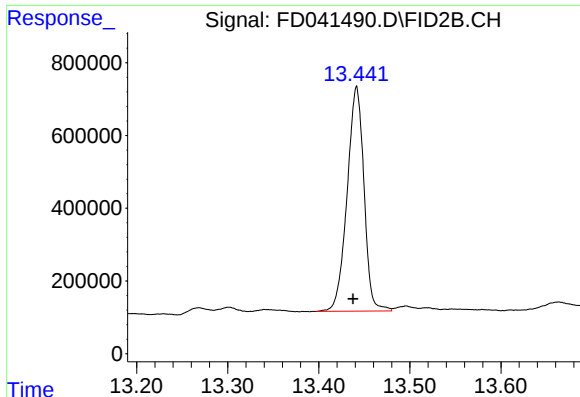
#11 n-Heneicosane (C21)

R.T.: 12.858 min
Delta R.T.: 0.002 min
Response: 8388964
Conc: 53.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.685 min
Delta R.T.: 0.000 min
Response: 4900564
Conc: 36.20 ug/ml



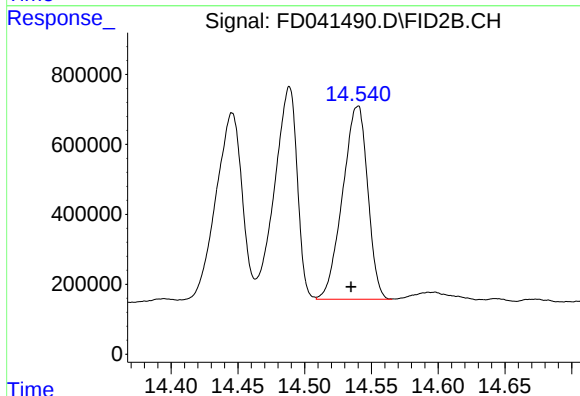
#13 n-Docosane (C22)

R.T.: 13.441 min
Delta R.T.: 0.004 min
Response: 7937526
Conc: 50.68 ug/ml

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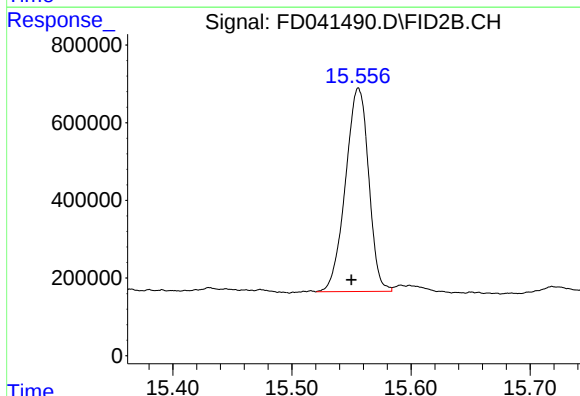
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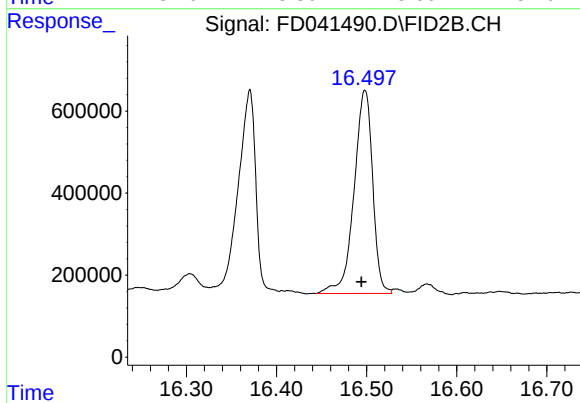
#14 n-Tetracosane (C24)

R.T.: 14.540 min
Delta R.T.: 0.005 min
Response: 7229373
Conc: 46.09 ug/ml m



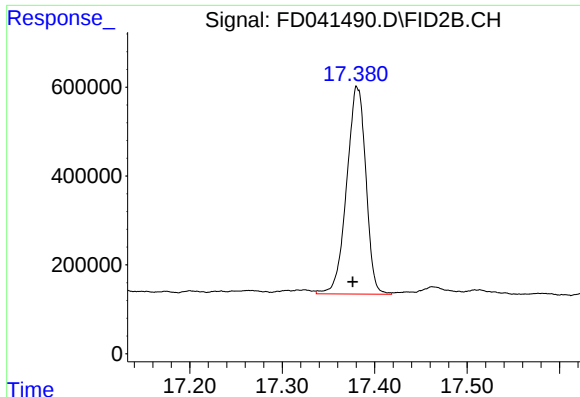
#15 n-Hexacosane (C26)

R.T.: 15.556 min
Delta R.T.: 0.006 min
Response: 7091337
Conc: 46.15 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.497 min
Delta R.T.: 0.003 min
Response: 7120211
Conc: 47.84 ug/ml m



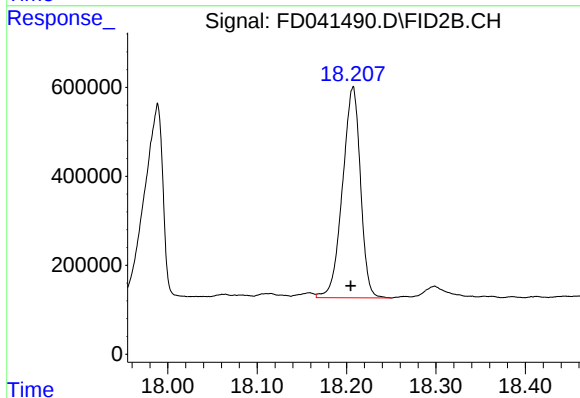
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: 0.005 min
Response: 6741795
Conc: 47.91 ug/ml

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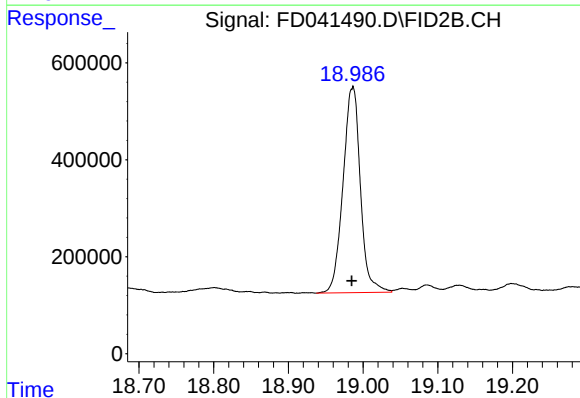
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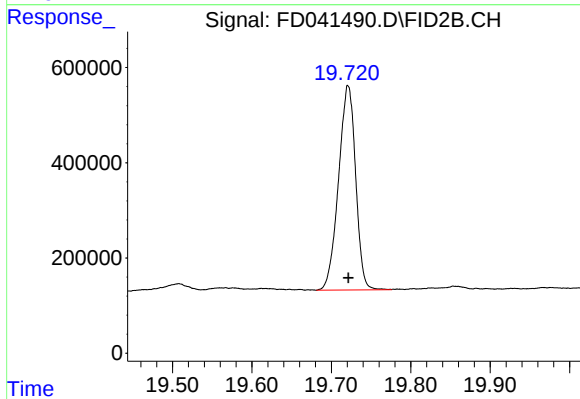
#18 n-Dotriacontane (C32)

R.T.: 18.207 min
Delta R.T.: 0.003 min
Response: 6620471
Conc: 52.04 ug/ml



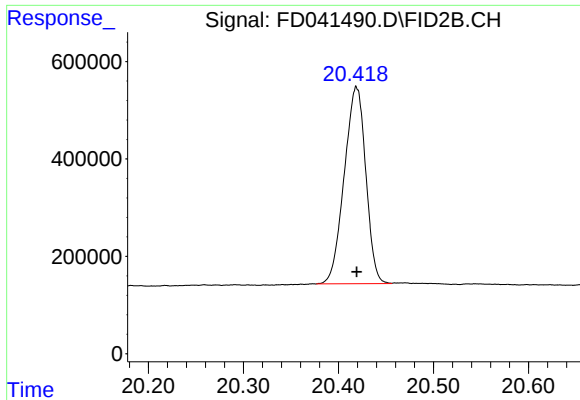
#19 n-Tetratriacontane (C34)

R.T.: 18.986 min
Delta R.T.: 0.001 min
Response: 6857905
Conc: 60.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 6427690
Conc: 62.71 ug/ml



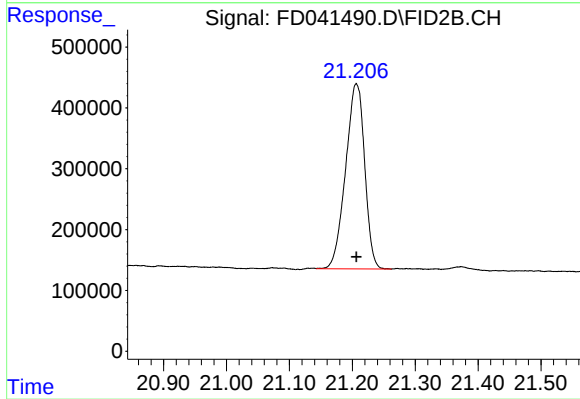
#21 n-Octatriacontane (C38)

R.T.: 20.418 min
Delta R.T.: 0.000 min
Response: 6356462
Conc: 66.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.206 min
Delta R.T.: 0.000 min
Response: 6410431
Conc: 67.64 ug/ml