

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031022AL\
 Data File : FD041491.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2022 19:44
 Operator : UA/NP
 Sample : N1863-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

CHRT-25720MSD

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 02:32:29 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)	11.246	5954597	34.328 ug/ml
Spiked Amount 50.000		Recovery =	68.66%
12) S 1-chlorooctadecane (S...	12.684	4791206	35.389 ug/ml
Spiked Amount 50.000		Recovery =	70.78%
Target Compounds			
1) T n-Nonane (C9)	3.108	5036480	34.587 ug/ml
2) T n-Decane (C10)	4.154	5676226	39.311 ug/ml
3) T A~Naphthalene (C11.7)	5.704	6683776	41.840 ug/ml
4) T n-Dodecane (C12)	6.150	6207569	41.913 ug/ml
5) T A~2-methylnaphthalene...	6.750	6989952	43.679 ug/ml
6) T n-Tetradecane (C14)	7.930	7026650	46.936 ug/ml
7) T n-Hexadecane (C16)	9.517	7776944	51.086 ug/ml
8) T n-Octadecane (C18)	10.949	8194442	52.721 ug/ml
10) T n-Eicosane (C20)	12.250	8344564	53.751 ug/ml
11) T n-Heneicosane (C21)	12.857	8248136	52.675 ug/ml
13) T n-Docosane (C22)	13.440	8088992	51.650 ug/mlm
14) T n-Tetracosane (C24)	14.537	7288919	46.470 ug/mlm
15) T n-Hexacosane (C26)	15.554	7114493	46.305 ug/mlm
16) T n-Octacosane (C28)	16.497	7099145	47.701 ug/mlm
17) T n-Tricontane (C30)	17.381	6642974	47.213 ug/ml
18) T n-Dotriacontane (C32)	18.207	6610859	51.961 ug/ml
19) T n-Tetratriacontane (C34)	18.987	6902115	60.599 ug/ml
20) T n-Hexatriacontane (C36)	19.721	6420652	62.645 ug/ml
21) T n-Octatriacontane (C38)	20.420	6404088	67.451 ug/mlm
22) T n-Tetracontane (C40)	21.209	6434048	67.889 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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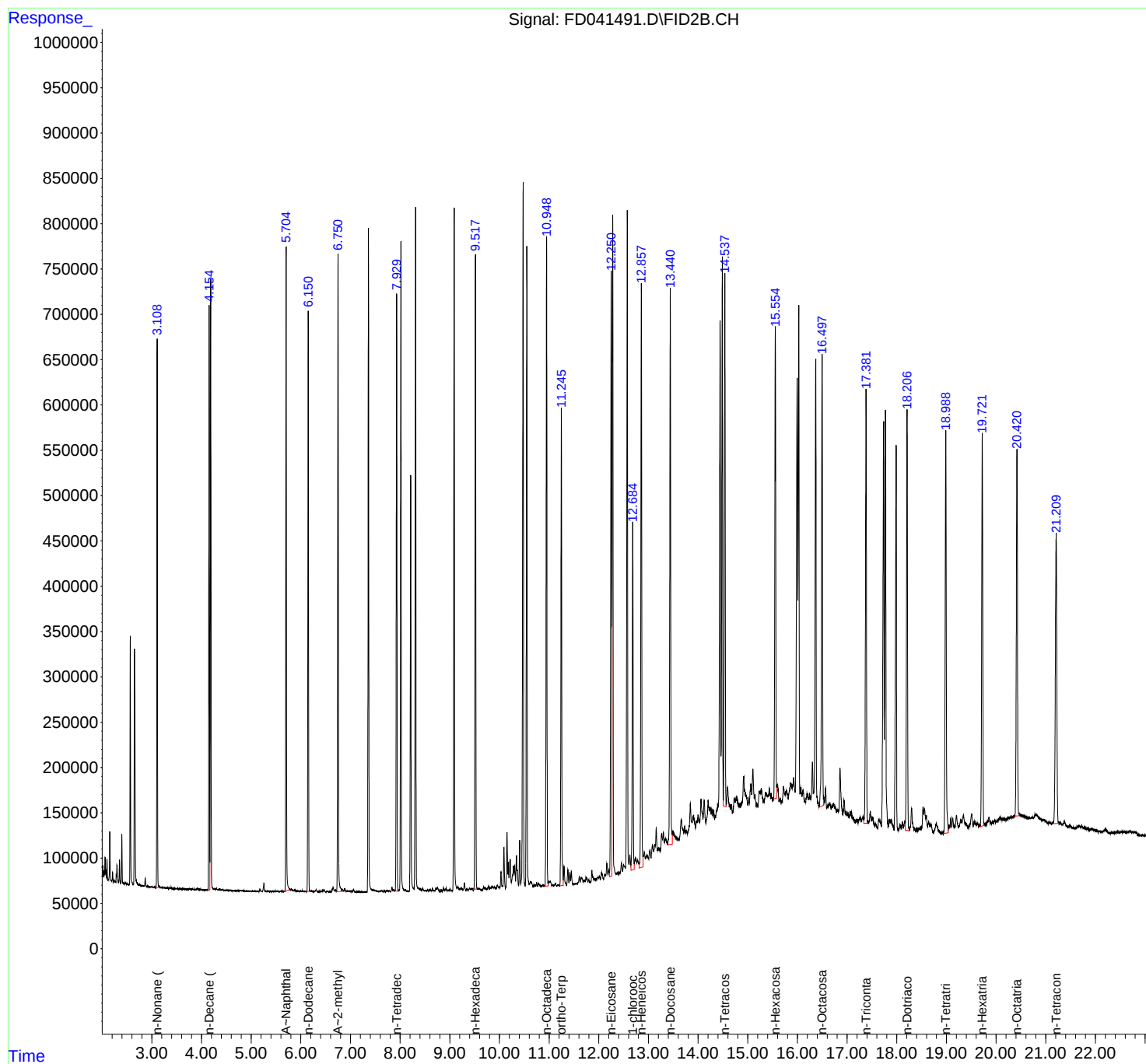
Instrument :
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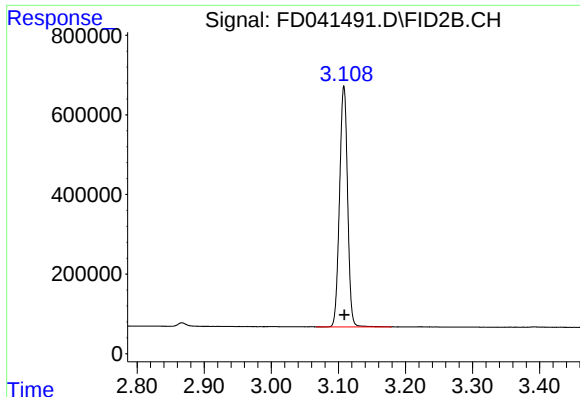
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Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 5036480
Conc: 34.59 ug/ml

Instrument :

FID_D

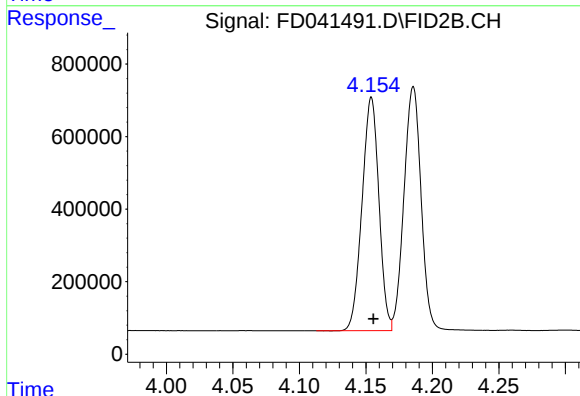
ClientSampleId :

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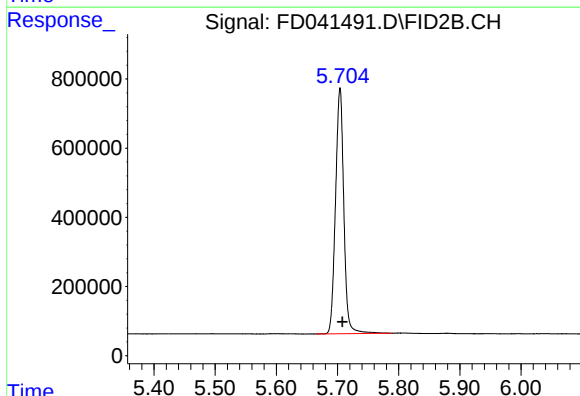
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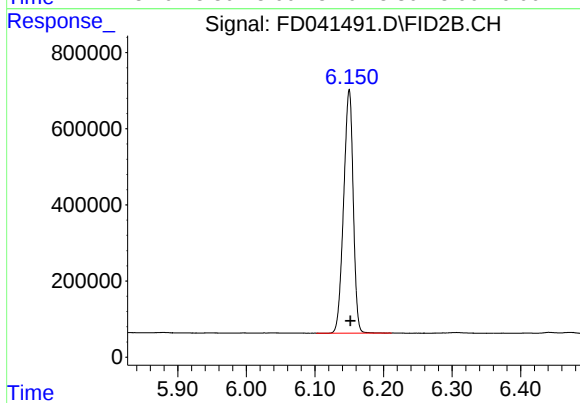
#2 n-Decane (C10)

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 5676226
Conc: 39.31 ug/ml



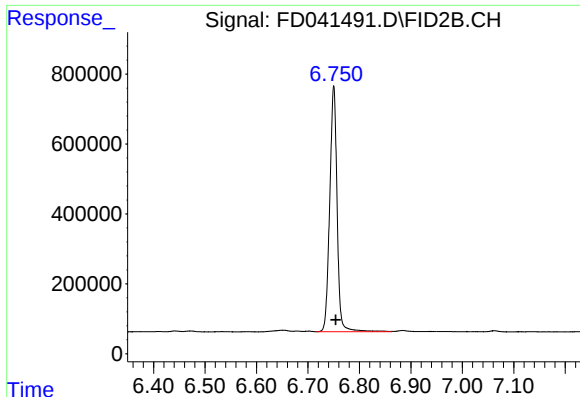
#3 A~Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 6683776
Conc: 41.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.150 min
Delta R.T.: -0.002 min
Response: 6207569
Conc: 41.91 ug/ml



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

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 6989952
Conc: 43.68 ug/ml

Instrument :

FID_D

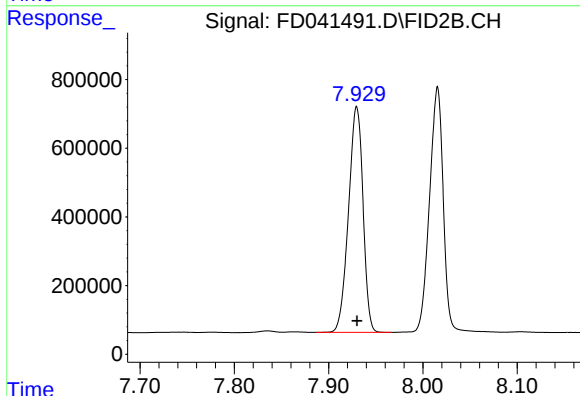
ClientSampleId :

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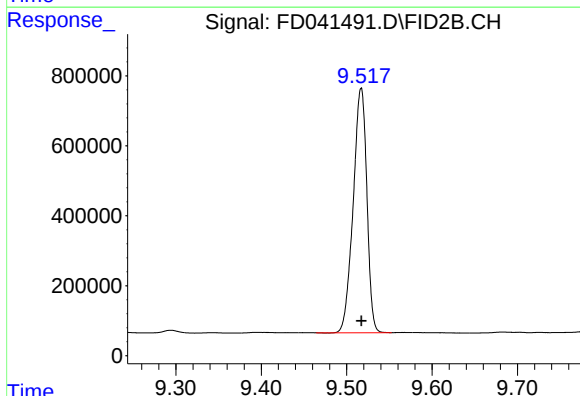
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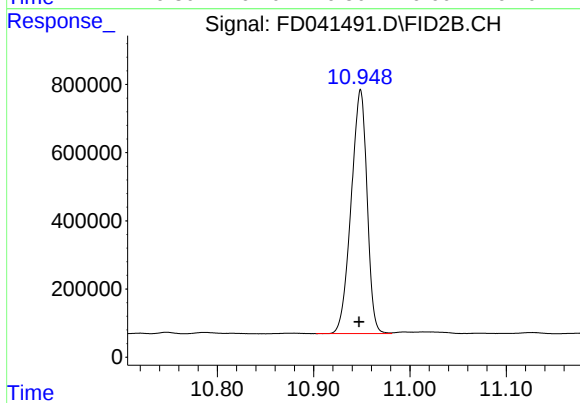
#6 n-Tetradecane (C14)

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 7026650
Conc: 46.94 ug/ml



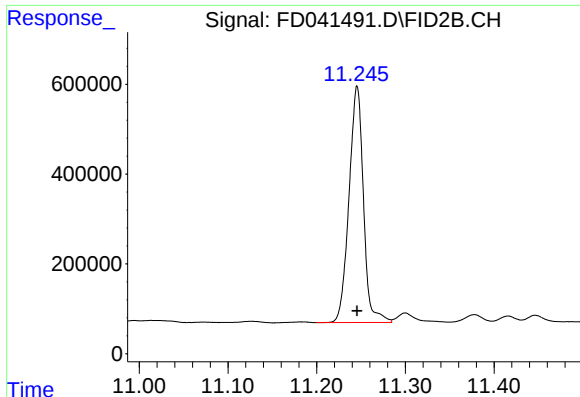
#7 n-Hexadecane (C16)

R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 7776944
Conc: 51.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.949 min
Delta R.T.: 0.001 min
Response: 8194442
Conc: 52.72 ug/ml



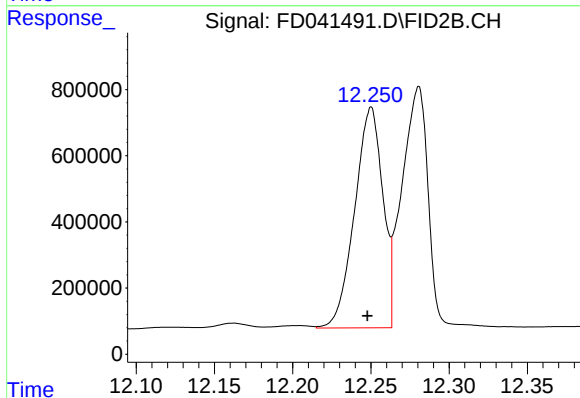
#9 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 5954597
Conc: 34.33 ug/ml

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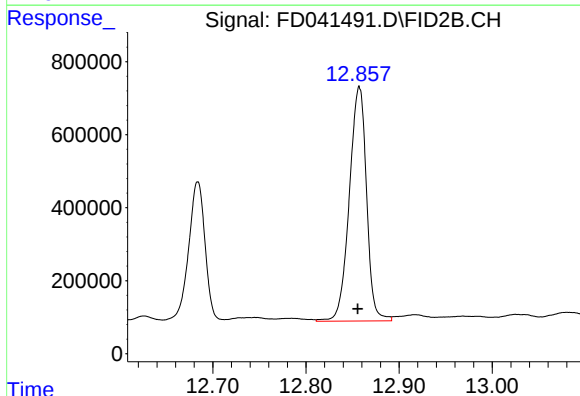
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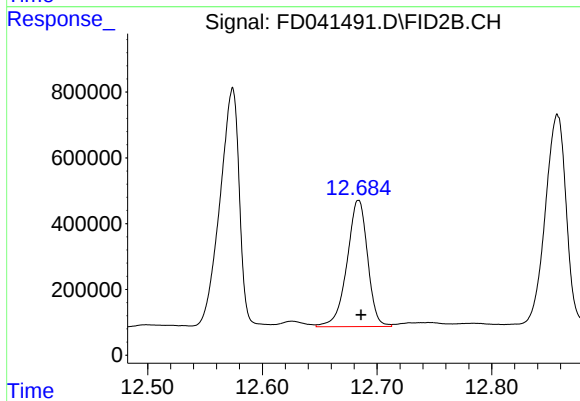
#10 n-Eicosane (C20)

R.T.: 12.250 min
Delta R.T.: 0.002 min
Response: 8344564
Conc: 53.75 ug/ml



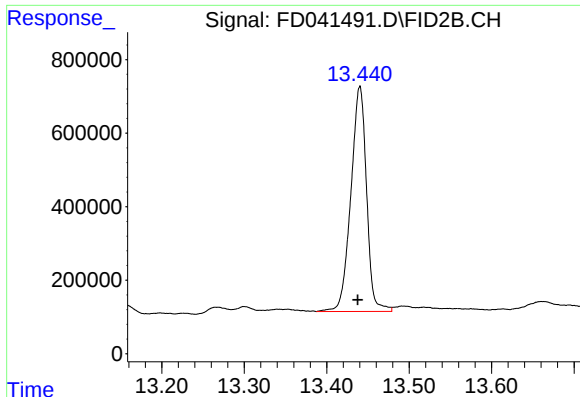
#11 n-Heneicosane (C21)

R.T.: 12.857 min
Delta R.T.: 0.001 min
Response: 8248136
Conc: 52.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.684 min
Delta R.T.: -0.002 min
Response: 4791206
Conc: 35.39 ug/ml



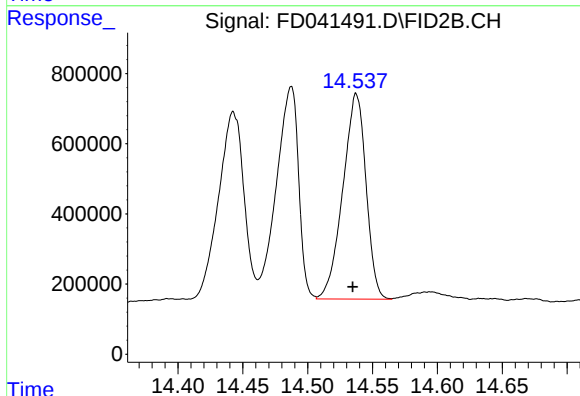
#13 n-Docosane (C22)

R.T.: 13.440 min
Delta R.T.: 0.003 min
Response: 8088992
Conc: 51.65 ug/ml

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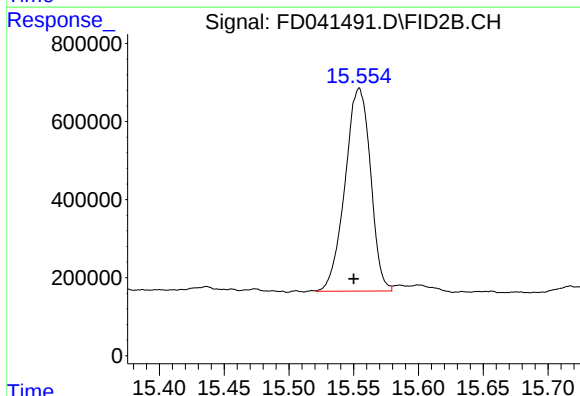
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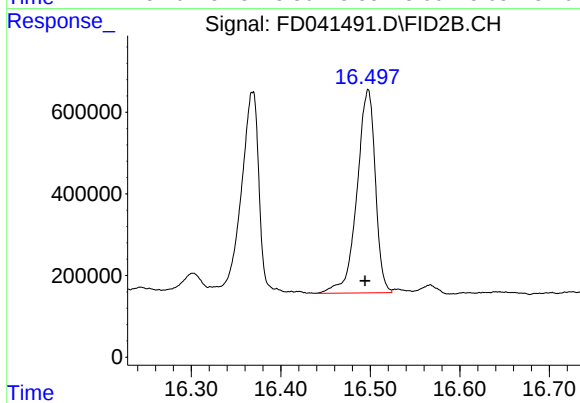
#14 n-Tetracosane (C24)

R.T.: 14.537 min
Delta R.T.: 0.002 min
Response: 7288919
Conc: 46.47 ug/ml m



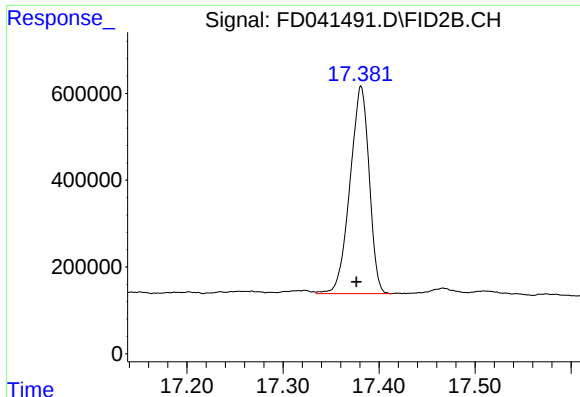
#15 n-Hexacosane (C26)

R.T.: 15.554 min
Delta R.T.: 0.004 min
Response: 7114493
Conc: 46.31 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.497 min
Delta R.T.: 0.003 min
Response: 7099145
Conc: 47.70 ug/ml m



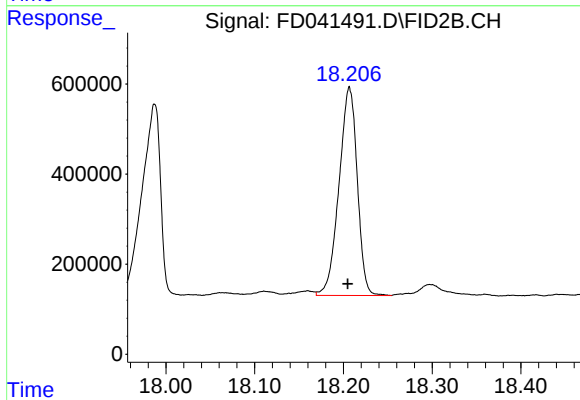
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: 0.005 min
Response: 6642974
Conc: 47.21 ug/ml

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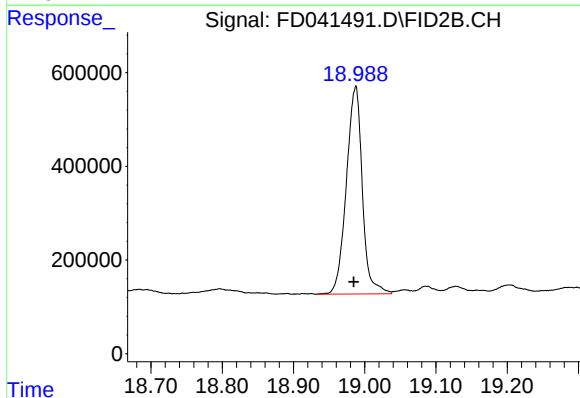
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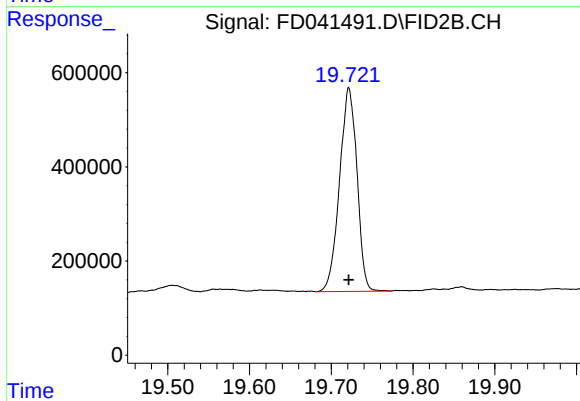
#18 n-Dotriacontane (C32)

R.T.: 18.207 min
Delta R.T.: 0.002 min
Response: 6610859
Conc: 51.96 ug/ml



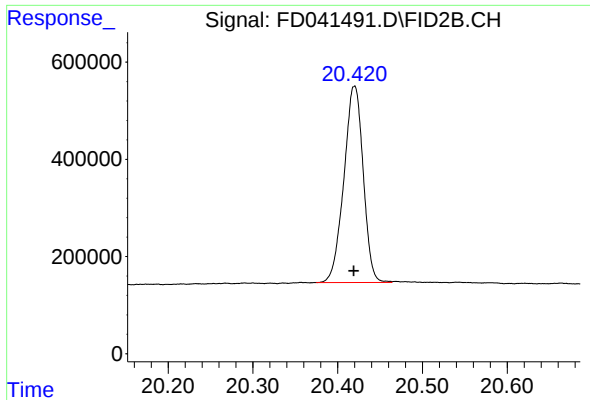
#19 n-Tetratriacontane (C34)

R.T.: 18.987 min
Delta R.T.: 0.003 min
Response: 6902115
Conc: 60.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.721 min
Delta R.T.: 0.000 min
Response: 6420652
Conc: 62.64 ug/ml



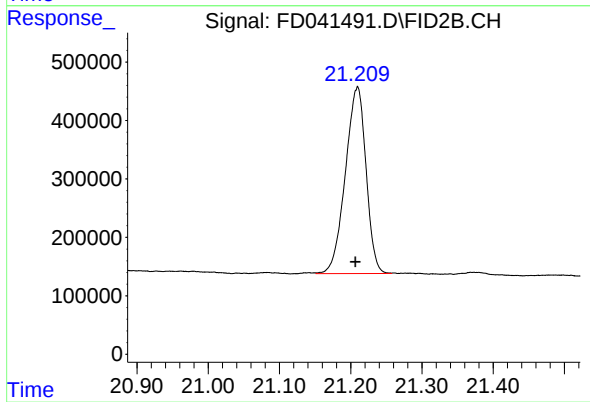
#21 n-Octatriacontane (C38)

R.T.: 20.420 min
Delta R.T.: 0.000 min
Response: 6404088
Conc: 67.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.209 min
Delta R.T.: 0.003 min
Response: 6434048
Conc: 67.89 ug/ml m