

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042353.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2022 19:46
 Operator : UA/NP
 Sample : N2704-03MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PE-D1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2022

Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e

Quant Time: May 09 00:48:15 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)	11.218	6205955	37.005 ug/ml
Spiked Amount 50.000		Recovery =	74.01%
12) S 1-chlorooctadecane (S...	12.657	4702215	35.634 ug/ml
Spiked Amount 50.000		Recovery =	71.27%
Target Compounds			
1) T n-Nonane (C9)	3.092	4371991	32.076 ug/ml
2) T n-Decane (C10)	4.135	5137862	38.338 ug/ml
3) T A~Naphthalene (C11.7)	5.684	6065038	41.841 ug/ml
4) T n-Dodecane (C12)	6.128	5761988	40.473 ug/ml
5) T A~2-methylnaphthalene...	6.730	6201438	44.501 ug/ml
6) T n-Tetradecane (C14)	7.905	6372206	44.734 ug/ml
7) T n-Hexadecane (C16)	9.490	6590462	45.352 ug/ml
8) T n-Octadecane (C18)	10.921	6864833	45.804 ug/ml
10) T n-Eicosane (C20)	12.220	6593151	43.075 ug/ml
11) T n-Heneicosane (C21)	12.828	6485885	42.071 ug/ml
13) T n-Docosane (C22)	13.409	6394643	41.485 ug/ml
14) T n-Tetracosane (C24)	14.506	6582094	42.560 ug/ml
15) T n-Hexacosane (C26)	15.522	6077664	39.512 ug/ml
16) T n-Octacosane (C28)	16.465	5968648	39.039 ug/ml
17) T n-Tricontane (C30)	17.350	5651572	37.678 ug/mlm
18) T n-Dotriacontane (C32)	18.174	5640979	39.894 ug/ml
19) T n-Tetratriacontane (C34)	18.955	5124055	39.817 ug/mlm
20) T n-Hexatriacontane (C36)	19.691	4920810	43.485 ug/mlm
21) T n-Octatriacontane (C38)	20.387	4646450	46.569 ug/mlm
22) T n-Tetracontane (C40)	21.162	4612180	51.133 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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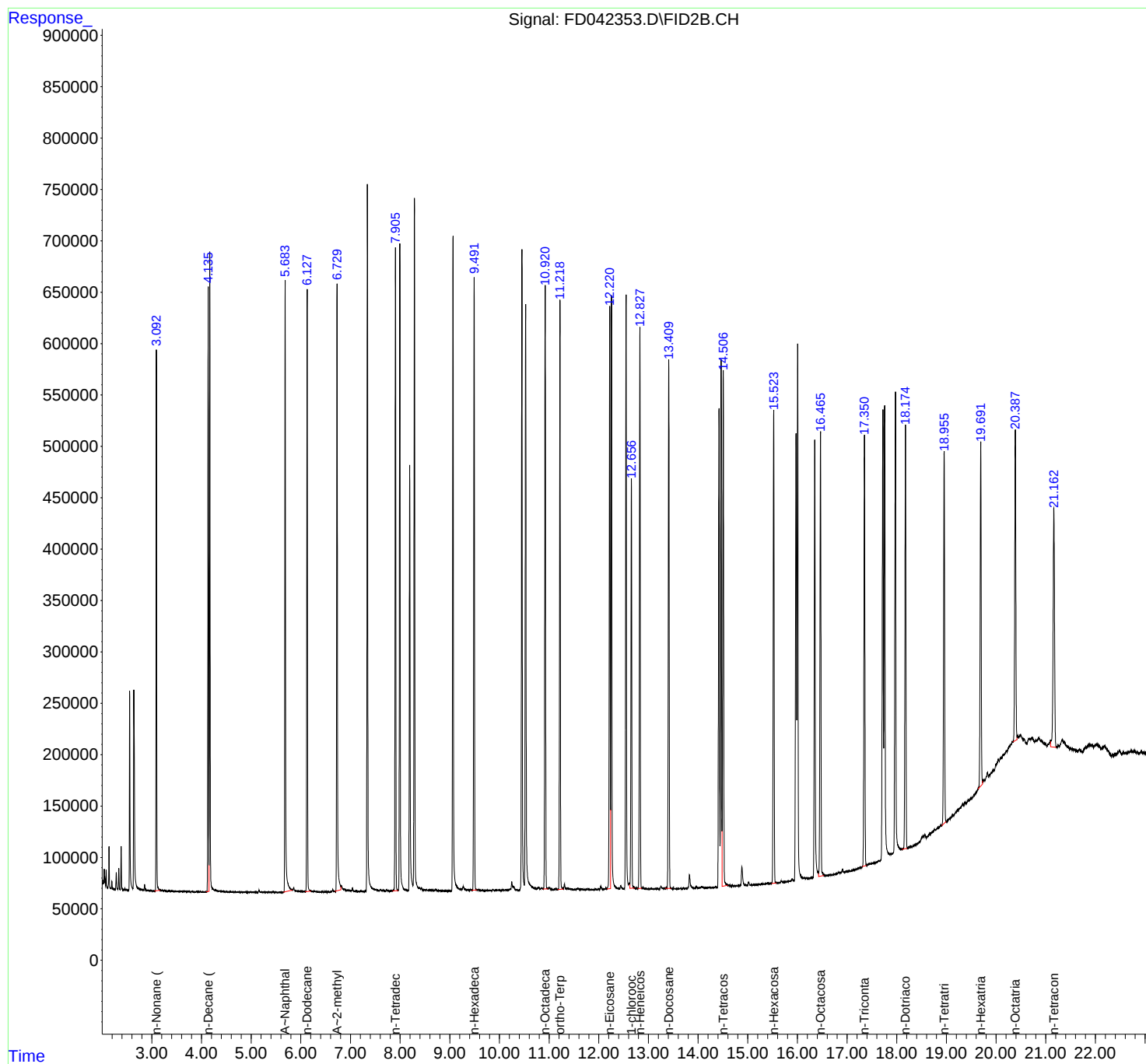
Instrument :
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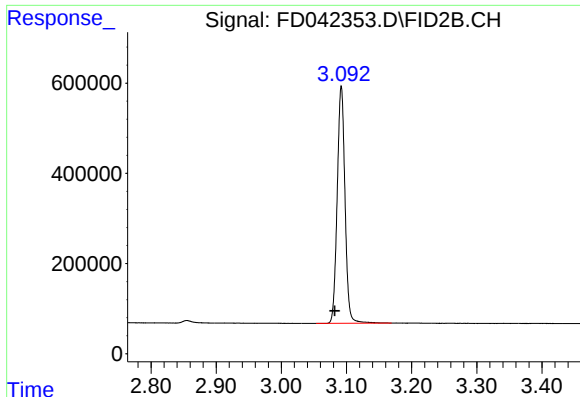
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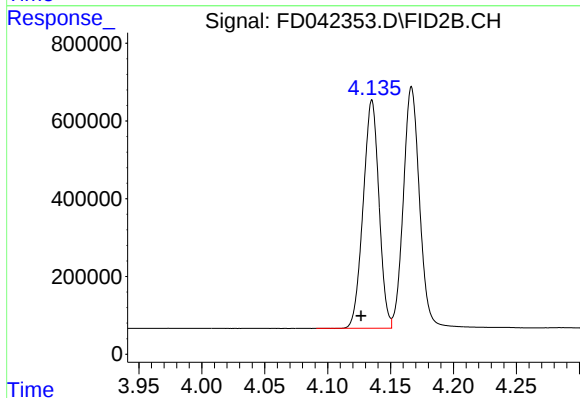
#1 n-Nonane (C9)

R.T.: 3.092 min
Delta R.T.: 0.010 min
Response: 4371991
Conc: 32.08 ug/ml

Instrument :
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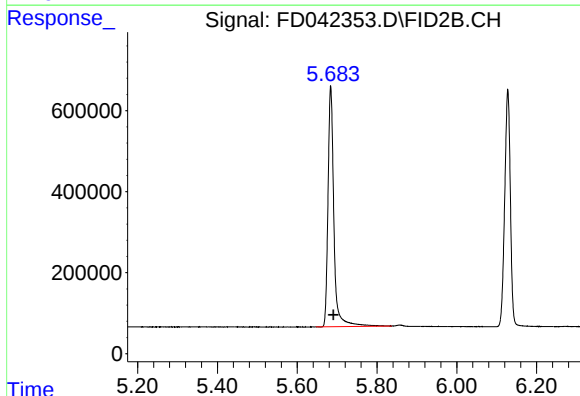
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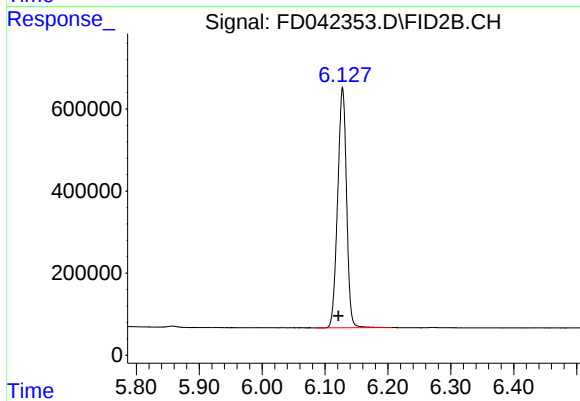
#2 n-Decane (C10)

R.T.: 4.135 min
Delta R.T.: 0.009 min
Response: 5137862
Conc: 38.34 ug/ml



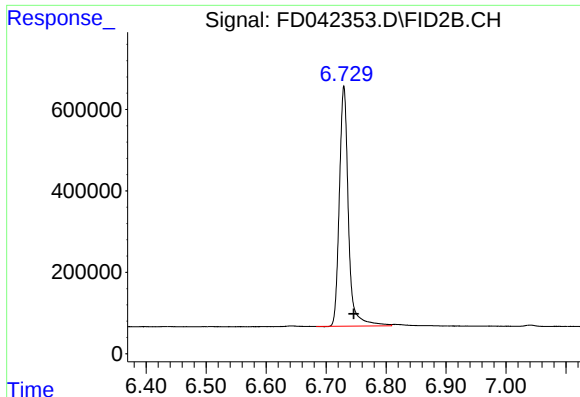
#3 A~Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.007 min
Response: 6065038
Conc: 41.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.128 min
Delta R.T.: 0.007 min
Response: 5761988
Conc: 40.47 ug/ml



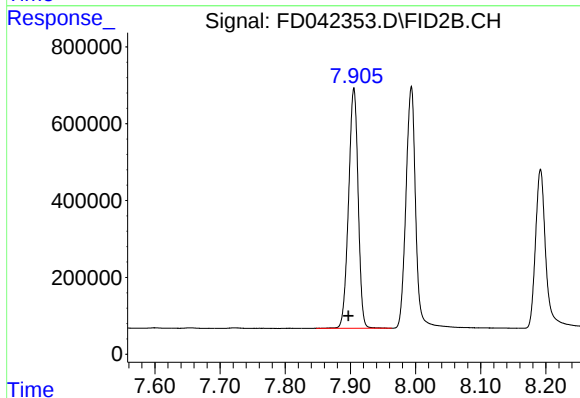
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.016 min
Response: 6201438
Conc: 44.50 ug/ml

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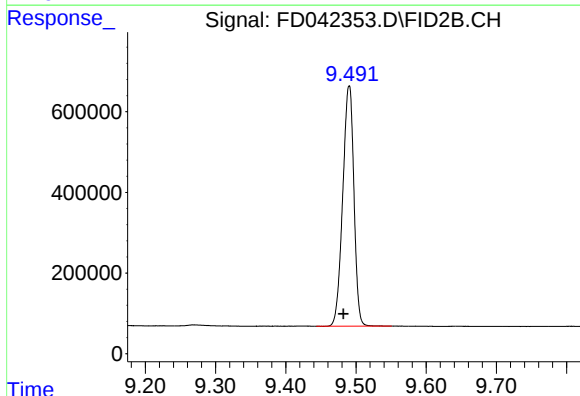
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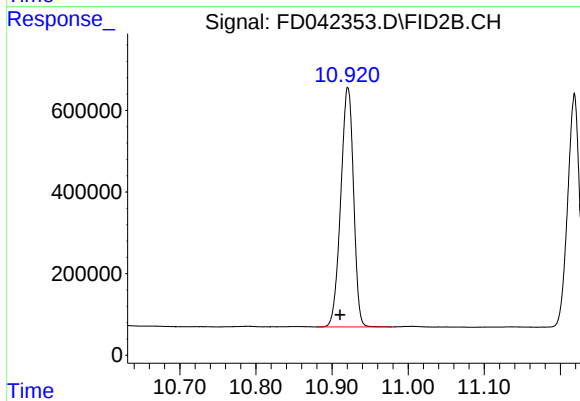
#6 n-Tetradecane (C14)

R.T.: 7.905 min
Delta R.T.: 0.008 min
Response: 6372206
Conc: 44.73 ug/ml



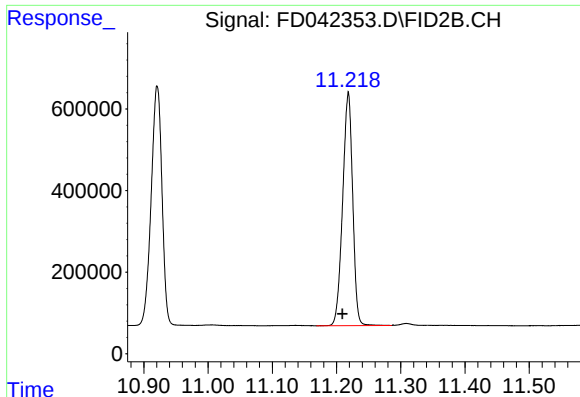
#7 n-Hexadecane (C16)

R.T.: 9.490 min
Delta R.T.: 0.008 min
Response: 6590462
Conc: 45.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.921 min
Delta R.T.: 0.010 min
Response: 6864833
Conc: 45.80 ug/ml



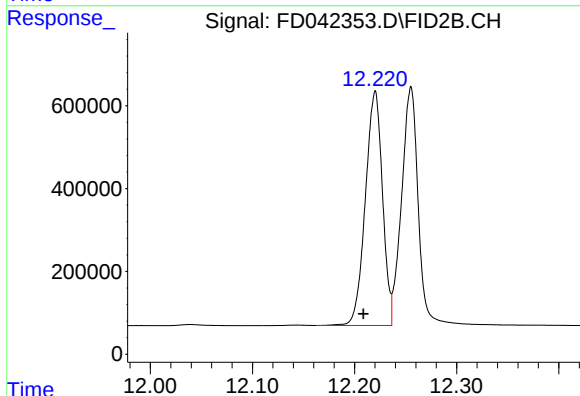
#9 ortho-Terphenyl (SURR)

R.T.: 11.218 min
Delta R.T.: 0.009 min
Response: 6205955
Conc: 37.00 ug/ml

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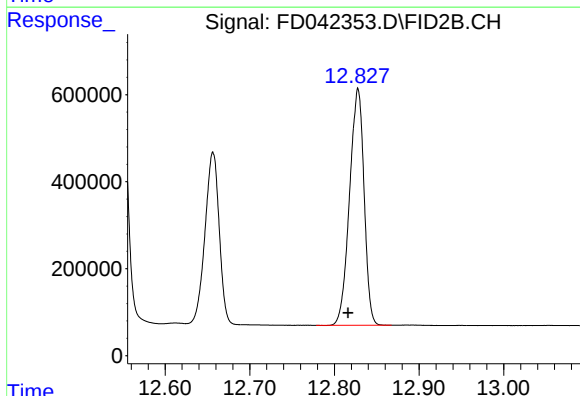
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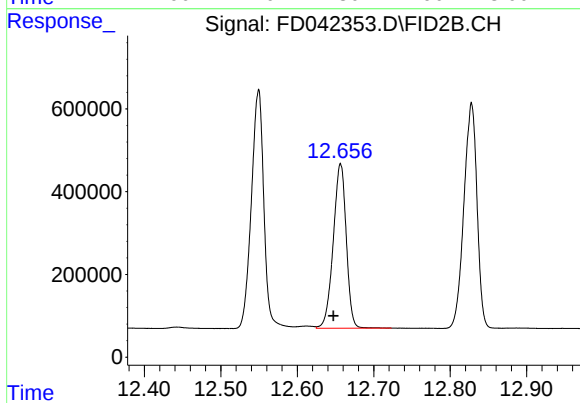
#10 n-Eicosane (C20)

R.T.: 12.220 min
Delta R.T.: 0.012 min
Response: 6593151
Conc: 43.07 ug/ml



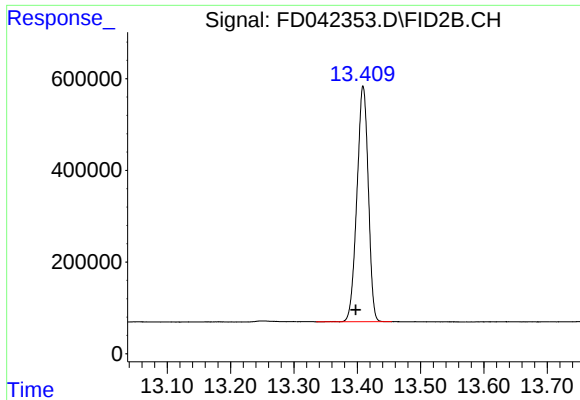
#11 n-Heneicosane (C21)

R.T.: 12.828 min
Delta R.T.: 0.012 min
Response: 6485885
Conc: 42.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.657 min
Delta R.T.: 0.009 min
Response: 4702215
Conc: 35.63 ug/ml



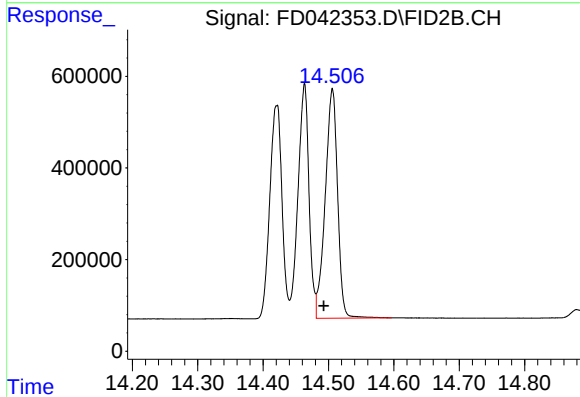
#13 n-Docosane (C22)

R.T.: 13.409 min
Delta R.T.: 0.012 min
Response: 6394643
Conc: 41.48 ug/ml

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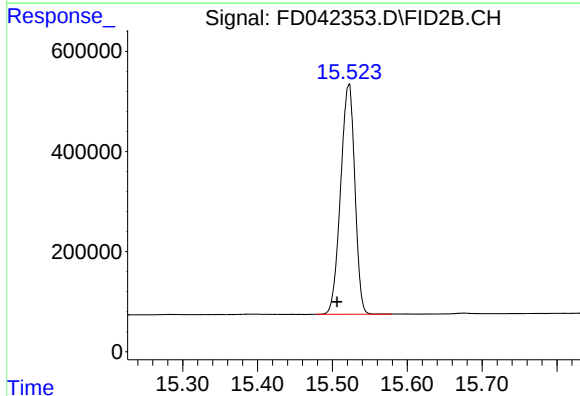
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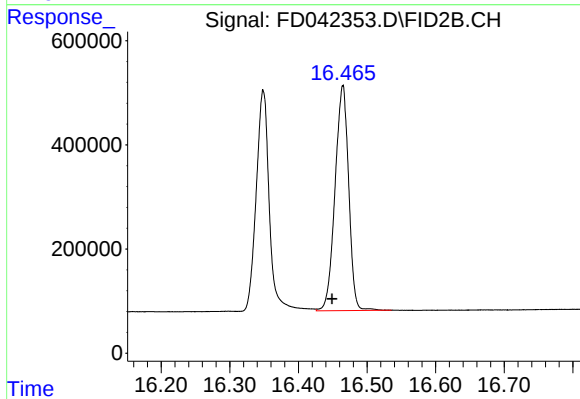
#14 n-Tetracosane (C24)

R.T.: 14.506 min
Delta R.T.: 0.013 min
Response: 6582094
Conc: 42.56 ug/ml



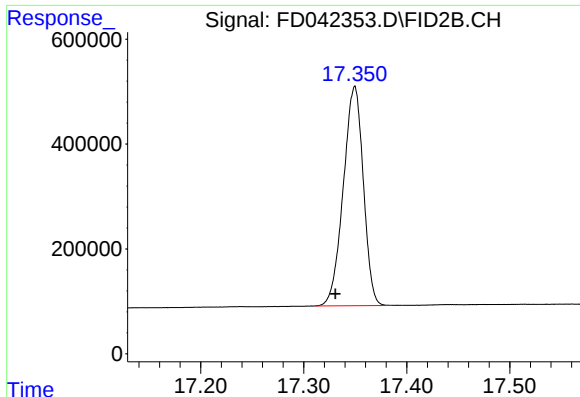
#15 n-Hexacosane (C26)

R.T.: 15.522 min
Delta R.T.: 0.016 min
Response: 6077664
Conc: 39.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.465 min
Delta R.T.: 0.016 min
Response: 5968648
Conc: 39.04 ug/ml



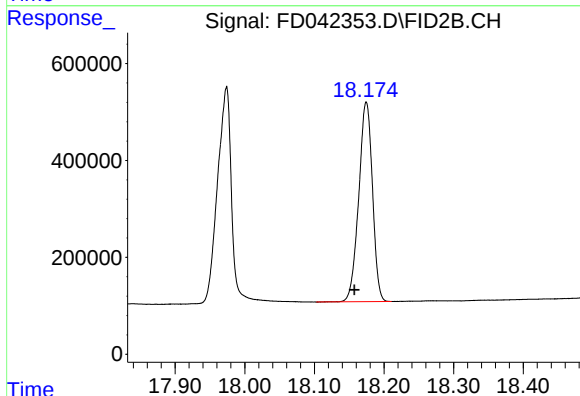
#17 n-Tricontane (C30)

R.T.: 17.350 min
Delta R.T.: 0.019 min
Response: 5651572
Conc: 37.68 ug/ml

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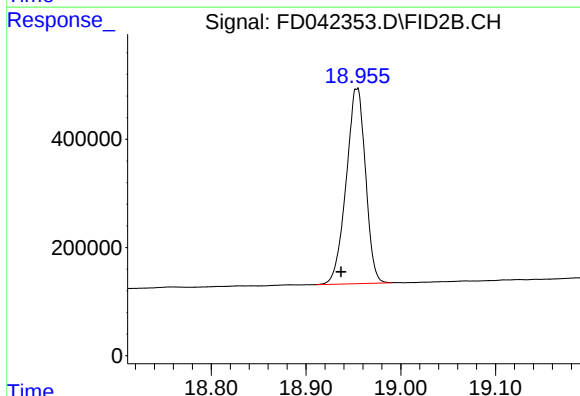
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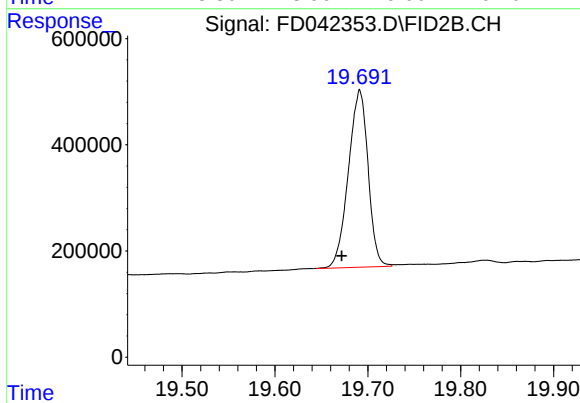
#18 n-Dotriacontane (C32)

R.T.: 18.174 min
Delta R.T.: 0.017 min
Response: 5640979
Conc: 39.89 ug/ml



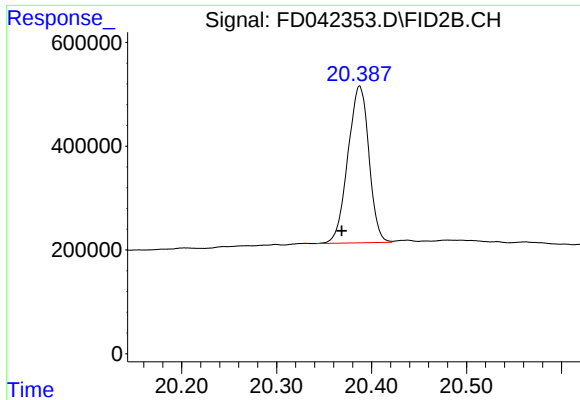
#19 n-Tetratriacontane (C34)

R.T.: 18.955 min
Delta R.T.: 0.018 min
Response: 5124055
Conc: 39.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.691 min
Delta R.T.: 0.019 min
Response: 4920810
Conc: 43.49 ug/ml m



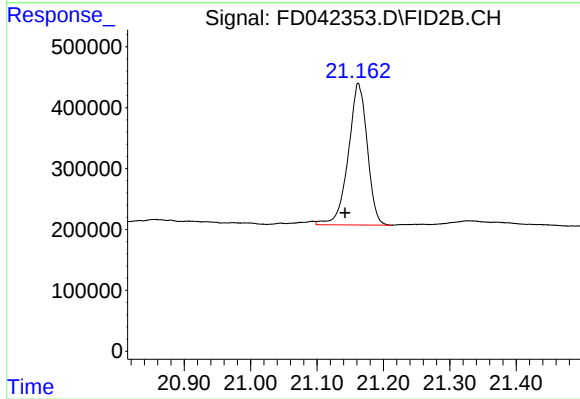
#21 n-Octatriacontane (C38)

R.T.: 20.387 min
Delta R.T.: 0.019 min
Response: 4646450
Conc: 46.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.162 min
Delta R.T.: 0.020 min
Response: 4612180
Conc: 51.13 ug/ml