

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011422AL\
 Data File : FD040625.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jan 2022 21:32
 Operator : AJ\MA
 Sample : N1145-01MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 A3-1-5.5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2022
 Supervised By :Ankita Jodhani 01/17/2022

Integration File: autoint1.e
 Quant Time: Jan 14 23:09:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.616	5817581	37.730 ug/ml
Spiked Amount 50.000		Recovery =	75.46%
12) S 1-chlorooctadecane (S...	12.055	4723958	40.133 ug/ml
Spiked Amount 50.000		Recovery =	80.27%
Target Compounds			
1) T n-Nonane (C9)	2.572	4784441	37.267 ug/ml
2) T n-Decane (C10)	3.557	5702285	44.284 ug/ml
3) T A~Naphthalene (C11.7)	5.085	7499644	52.787 ug/ml
4) T n-Dodecane (C12)	5.522	6182315	48.369 ug/ml
5) T A~2-methylnaphthalene...	6.124	7576783	53.708 ug/ml
6) T n-Tetradecane (C14)	7.300	5922077	45.716 ug/ml
7) T n-Hexadecane (C16)	8.886	6321017	48.517 ug/ml
8) T n-Octadecane (C18)	10.317	6602087	48.723 ug/ml
10) T n-Eicosane (C20)	11.618	6745811	49.594 ug/ml
11) T n-Heneicosane (C21)	12.225	6313476	45.593 ug/ml
13) T n-Docosane (C22)	12.808	6230222	45.183 ug/ml
14) T n-Tetracosane (C24)	13.903	6113127	43.720 ug/ml
15) T n-Hexacosane (C26)	14.920	5793766	42.031 ug/ml
16) T n-Octacosane (C28)	15.862	5779050	42.591 ug/ml
17) T n-Tricontane (C30)	16.747	5563302	42.684 ug/ml
18) T n-Dotriacontane (C32)	17.572	5385676	45.052 ug/ml
19) T n-Tetratriacontane (C34)	18.353	5090054	48.342 ug/mlm
20) T n-Hexatriacontane (C36)	19.089	4414211	43.562 ug/mlm
21) T n-Octatriacontane (C38)	19.790	4066194	45.511 ug/mlm
22) T n-Tetracontane (C40)	20.587	4030179	47.147 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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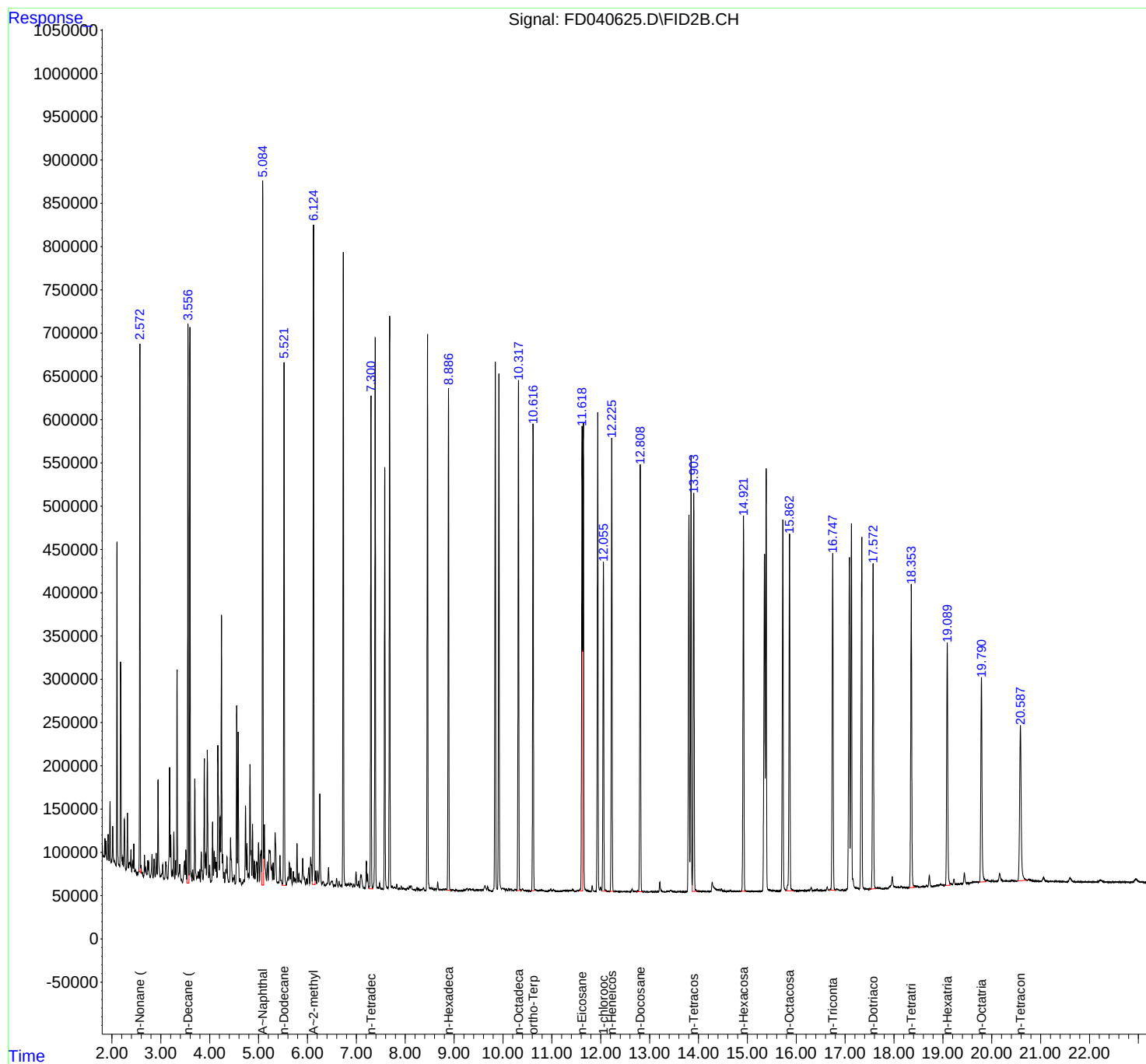
Instrument :
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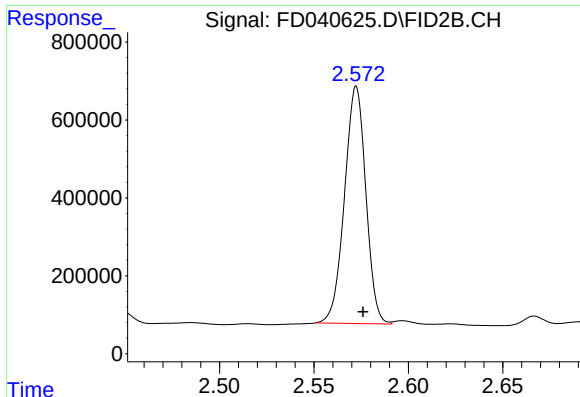
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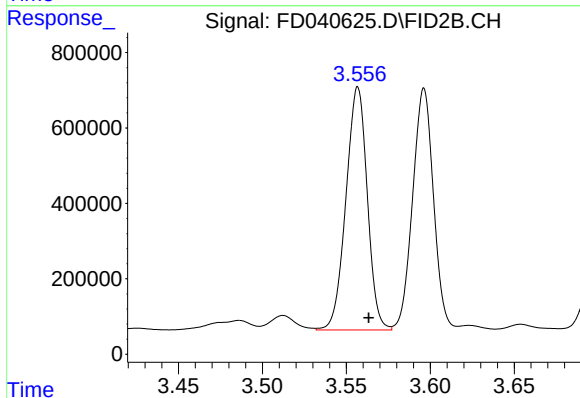
#1 n-Nonane (C9)

R.T.: 2.572 min
Delta R.T.: -0.004 min
Response: 4784441
Conc: 37.27 ug/ml

Instrument :
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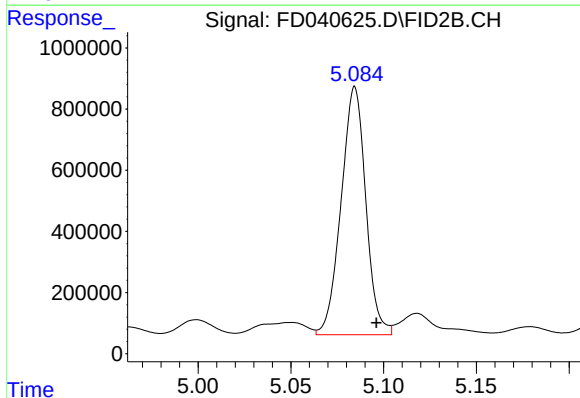
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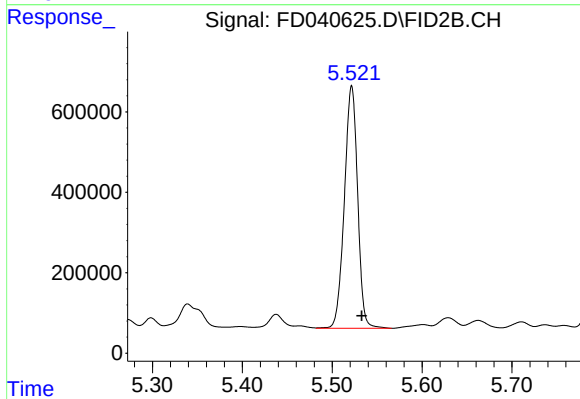
#2 n-Decane (C10)

R.T.: 3.557 min
Delta R.T.: -0.006 min
Response: 5702285
Conc: 44.28 ug/ml



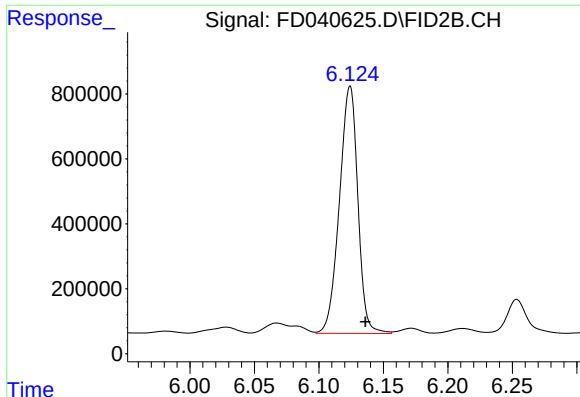
#3 A~Naphthalene (C11.7)

R.T.: 5.085 min
Delta R.T.: -0.011 min
Response: 7499644
Conc: 52.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.522 min
Delta R.T.: -0.011 min
Response: 6182315
Conc: 48.37 ug/ml



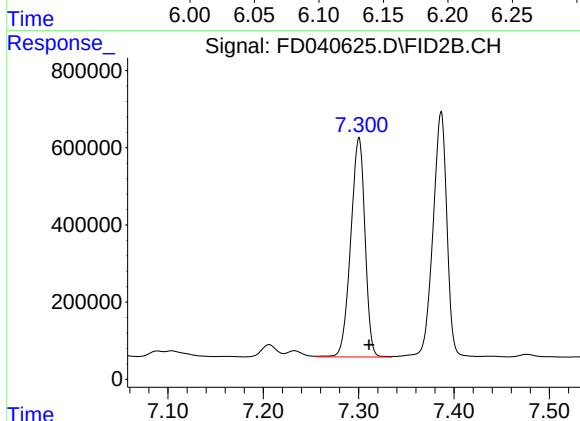
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.124 min
Delta R.T.: -0.012 min
Response: 7576783
Conc: 53.71 ug/ml

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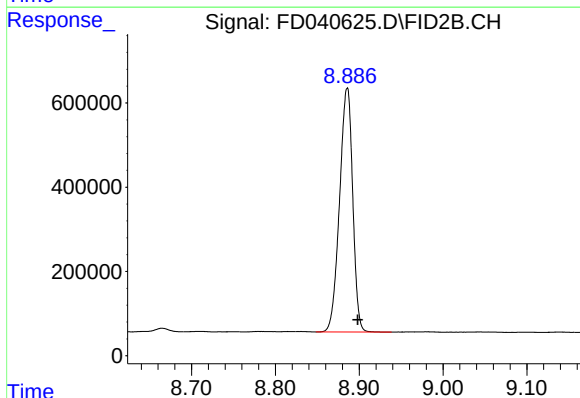
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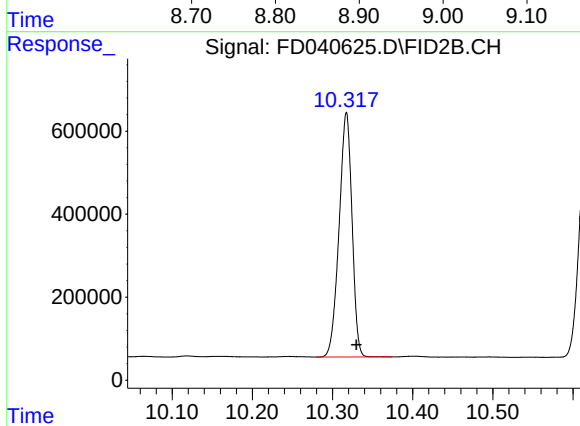
#6 n-Tetradecane (C14)

R.T.: 7.300 min
Delta R.T.: -0.010 min
Response: 5922077
Conc: 45.72 ug/ml



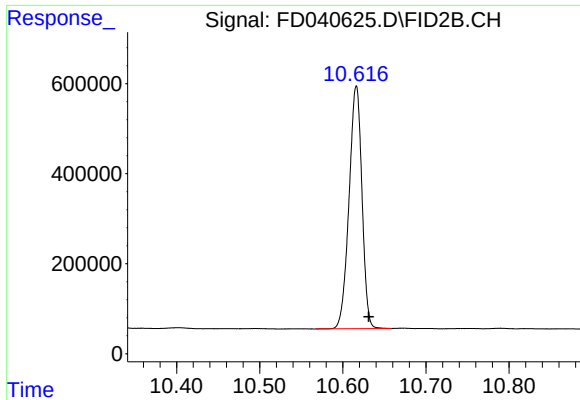
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.013 min
Response: 6321017
Conc: 48.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.317 min
Delta R.T.: -0.012 min
Response: 6602087
Conc: 48.72 ug/ml



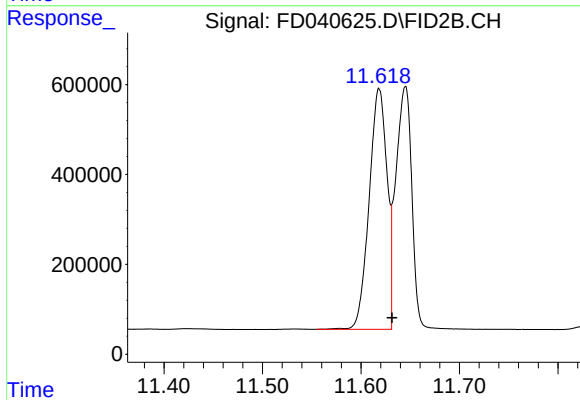
#9 ortho-Terphenyl (SURR)

R.T.: 10.616 min
Delta R.T.: -0.015 min
Response: 5817581
Conc: 37.73 ug/ml

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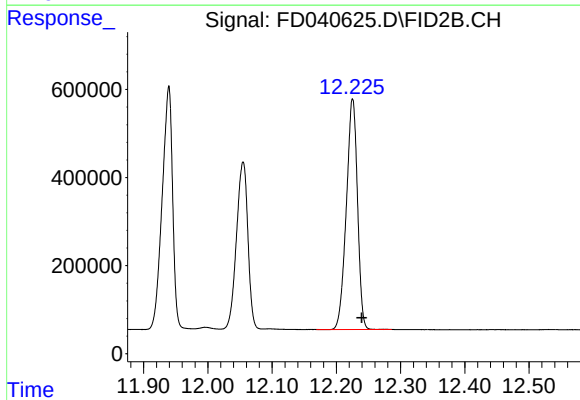
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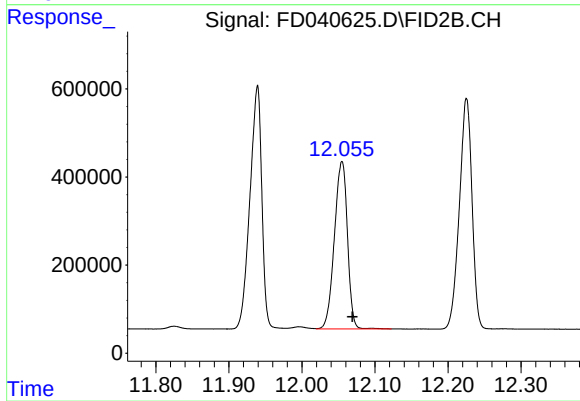
#10 n-Eicosane (C20)

R.T.: 11.618 min
Delta R.T.: -0.013 min
Response: 6745811
Conc: 49.59 ug/ml



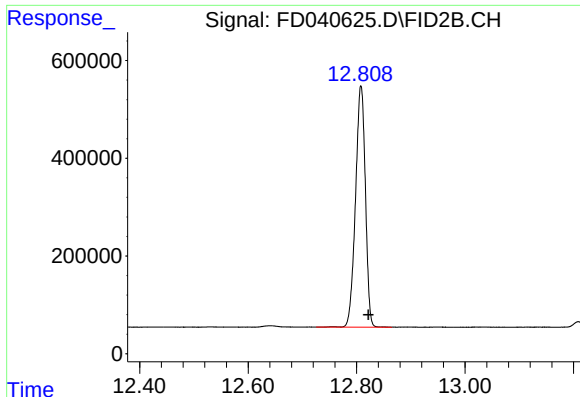
#11 n-Heneicosane (C21)

R.T.: 12.225 min
Delta R.T.: -0.014 min
Response: 6313476
Conc: 45.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.055 min
Delta R.T.: -0.014 min
Response: 4723958
Conc: 40.13 ug/ml



#13 n-Docosane (C22)

R.T.: 12.808 min
Delta R.T.: -0.014 min
Response: 6230222
Conc: 45.18 ug/ml

Instrument :

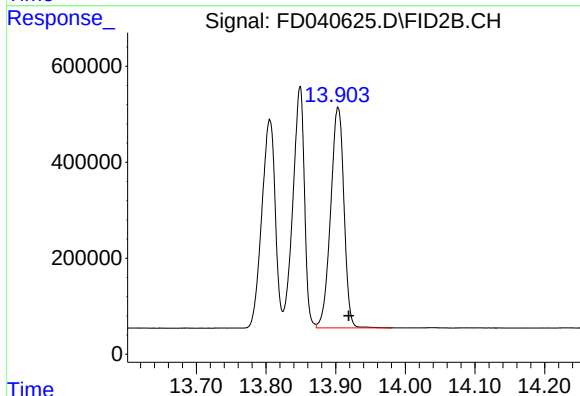
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ClientSampleId :

A3-1-5.5MSD

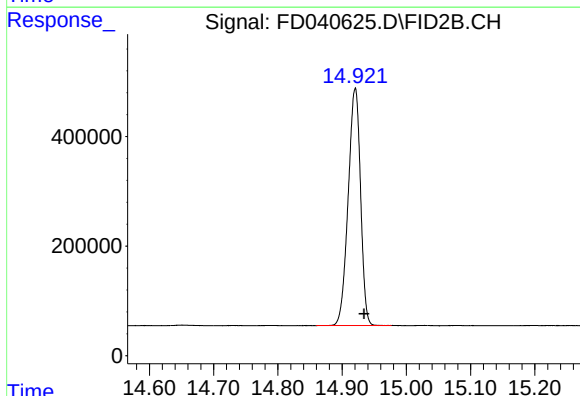
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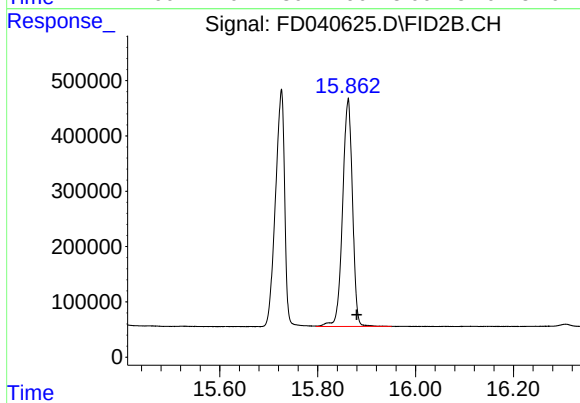
#14 n-Tetracosane (C24)

R.T.: 13.903 min
Delta R.T.: -0.015 min
Response: 6113127
Conc: 43.72 ug/ml



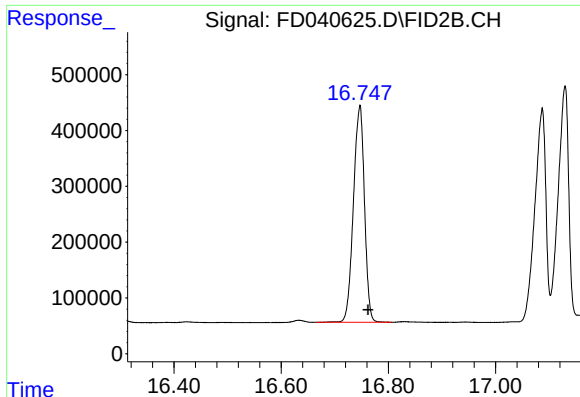
#15 n-Hexacosane (C26)

R.T.: 14.920 min
Delta R.T.: -0.014 min
Response: 5793766
Conc: 42.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.862 min
Delta R.T.: -0.017 min
Response: 5779050
Conc: 42.59 ug/ml



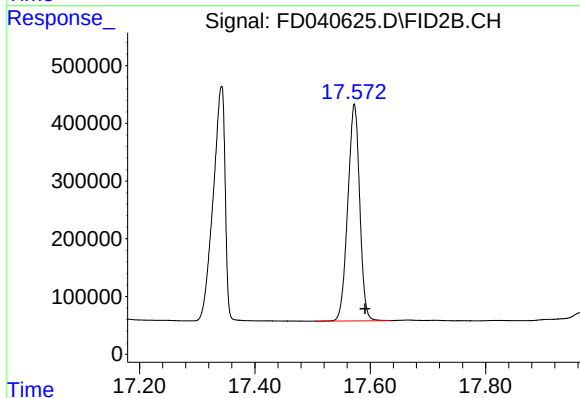
#17 n-Tricontane (C30)

R.T.: 16.747 min
Delta R.T.: -0.015 min
Response: 5563302
Conc: 42.68 ug/ml

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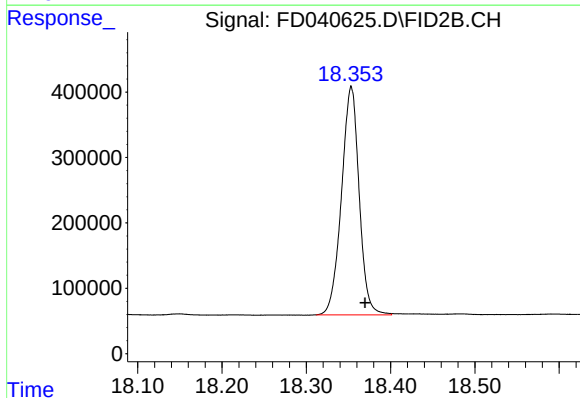
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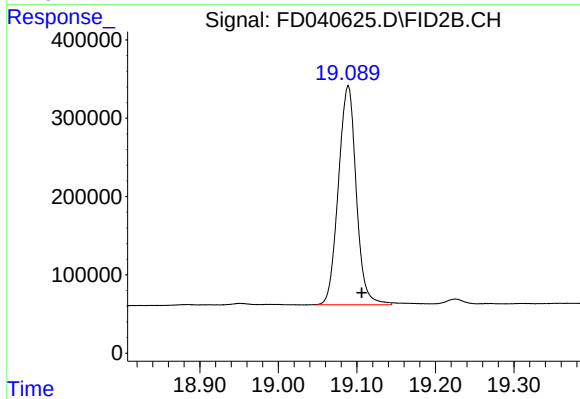
#18 n-Dotriacontane (C32)

R.T.: 17.572 min
Delta R.T.: -0.019 min
Response: 5385676
Conc: 45.05 ug/ml



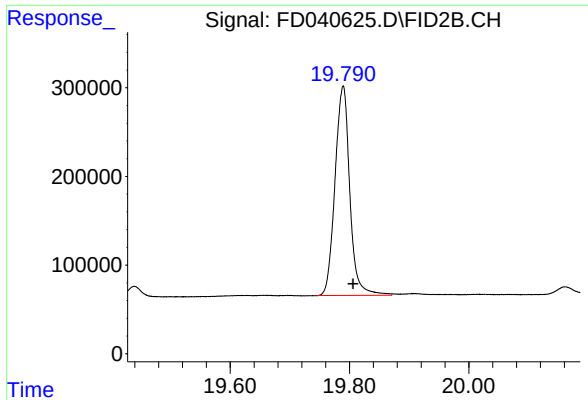
#19 n-Tetratriacontane (C34)

R.T.: 18.353 min
Delta R.T.: -0.017 min
Response: 5090054
Conc: 48.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.089 min
Delta R.T.: -0.018 min
Response: 4414211
Conc: 43.56 ug/ml m



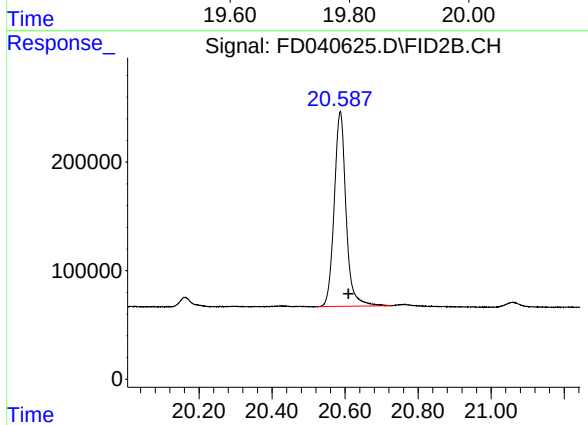
#21 n-Octatriacontane (C38)

R.T.: 19.790 min
Delta R.T.: -0.016 min
Response: 4066194
Conc: 45.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.587 min
Delta R.T.: -0.022 min
Response: 4030179
Conc: 47.15 ug/ml