

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011922AL\
 Data File : FD040676.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2022 15:35
 Operator : AJ\MA
 Sample : N1182-01MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 OR-2-011822MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/20/2022
 Supervised By :Ankita Jodhani 01/20/2022

Integration File: sample.E
 Quant Time: Jan 20 01:37:54 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)	10.617	4986330	32.339 ug/ml
Spiked Amount 50.000		Recovery =	64.68%
12) S 1-chlorooctadecane (S...	12.056	4201639	35.696 ug/ml
Spiked Amount 50.000		Recovery =	71.39%
Target Compounds			
1) T n-Nonane (C9)	2.571	4139119	32.241 ug/ml
2) T n-Decane (C10)	3.556	4711596	36.590 ug/ml
3) T A~Naphthalene (C11.7)	5.084	5683686	40.006 ug/ml
4) T n-Dodecane (C12)	5.522	5412879	42.350 ug/ml
5) T A~2-methylnaphthalene...	6.124	5840869	41.403 ug/ml
6) T n-Tetradecane (C14)	7.300	6063895	46.811 ug/ml
7) T n-Hexadecane (C16)	8.886	6462159	49.600 ug/ml
8) T n-Octadecane (C18)	10.318	6474845	47.784 ug/ml
10) T n-Eicosane (C20)	11.620	6566126	48.273 ug/ml
11) T n-Heneicosane (C21)	12.228	6328677	45.702 ug/ml
13) T n-Docosane (C22)	12.811	6388650	46.332 ug/ml
14) T n-Tetracosane (C24)	13.907	6124166	43.799 ug/ml
15) T n-Hexacosane (C26)	14.925	6126101	44.442 ug/ml
16) T n-Octacosane (C28)	15.871	6263650	46.163 ug/ml
17) T n-Tricontane (C30)	16.758	6256080	47.999 ug/ml
18) T n-Dotriacontane (C32)	17.587	5889932	49.270 ug/ml
19) T n-Tetratriacontane (C34)	18.370	6633615	63.002 ug/ml
20) T n-Hexatriacontane (C36)	19.111	5074685	50.080 ug/ml
21) T n-Octatriacontane (C38)	19.816	4626234	51.779 ug/ml
22) T n-Tetracontane (C40)	20.622	4914199	57.488 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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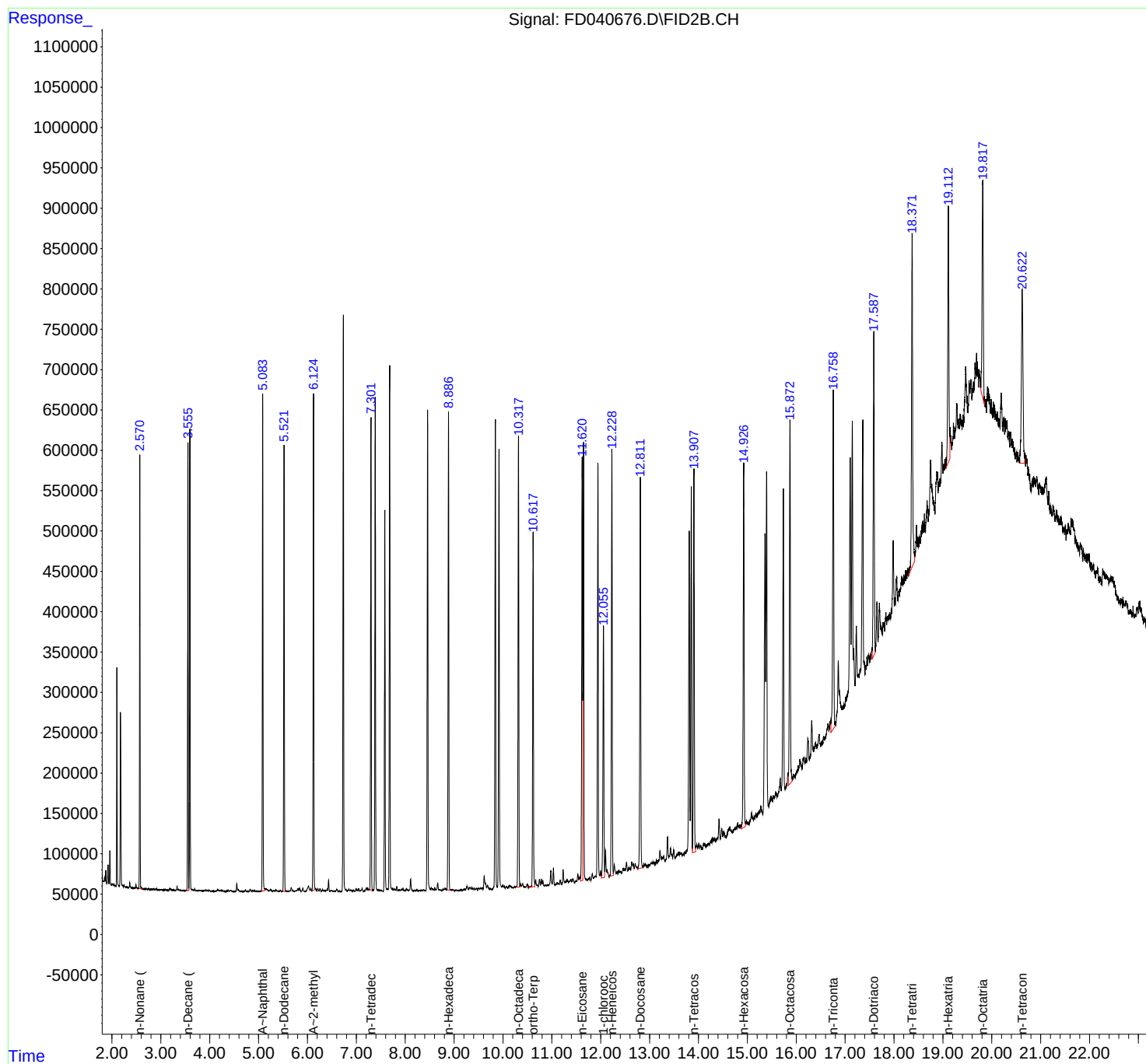
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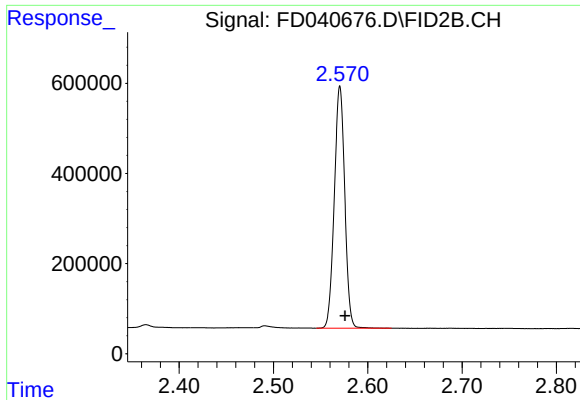
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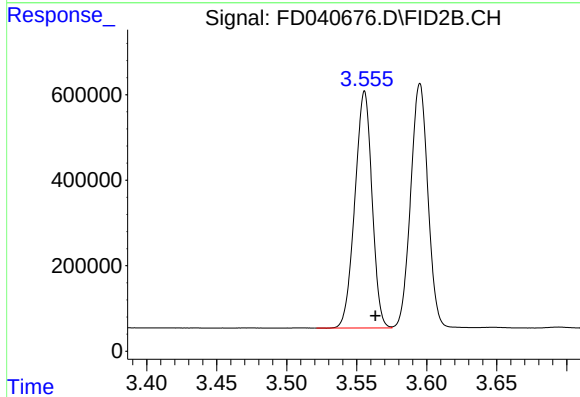
#1 n-Nonane (C9)

R.T.: 2.571 min
Delta R.T.: -0.005 min
Response: 4139119
Conc: 32.24 ug/ml

Instrument :
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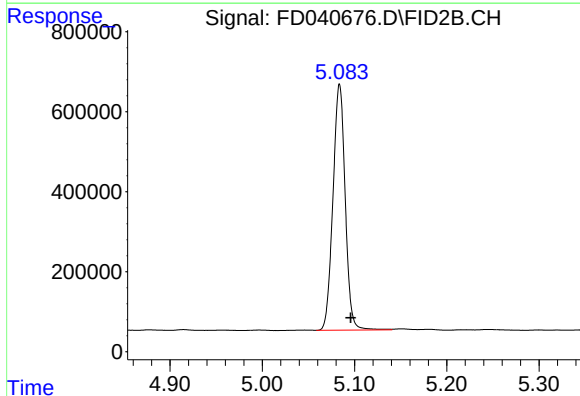
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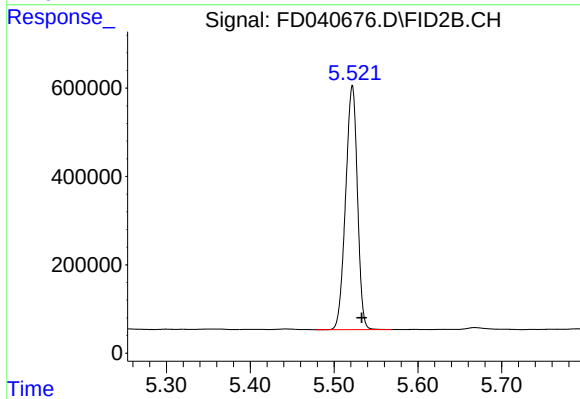
#2 n-Decane (C10)

R.T.: 3.556 min
Delta R.T.: -0.008 min
Response: 4711596
Conc: 36.59 ug/ml



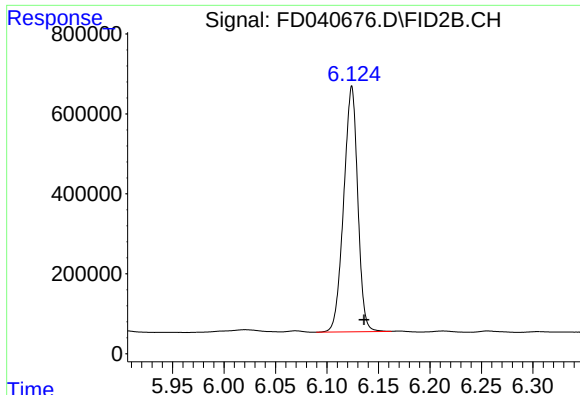
#3 A~Naphthalene (C11.7)

R.T.: 5.084 min
Delta R.T.: -0.012 min
Response: 5683686
Conc: 40.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.522 min
Delta R.T.: -0.011 min
Response: 5412879
Conc: 42.35 ug/ml



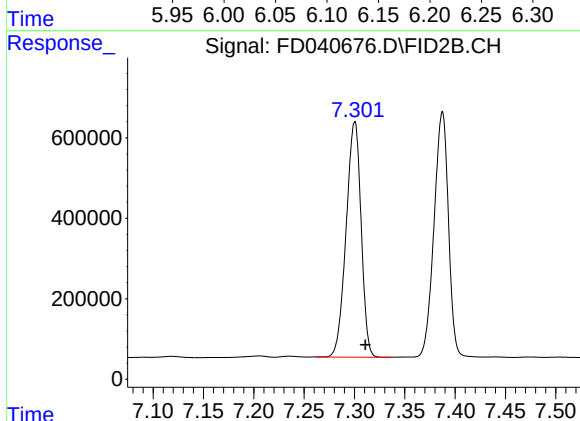
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.124 min
Delta R.T.: -0.012 min
Response: 5840869
Conc: 41.40 ug/ml

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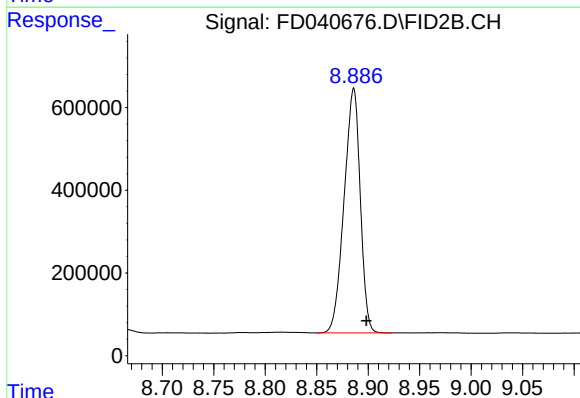
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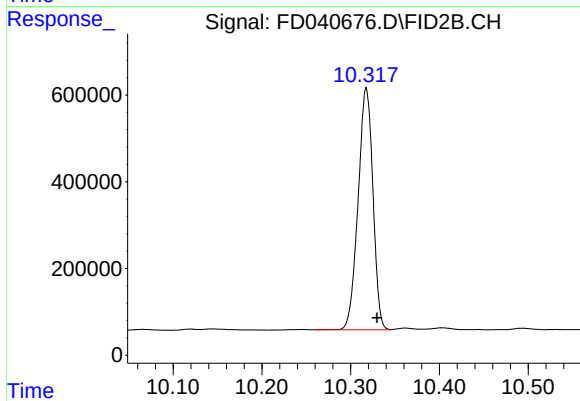
#6 n-Tetradecane (C14)

R.T.: 7.300 min
Delta R.T.: -0.010 min
Response: 6063895
Conc: 46.81 ug/ml



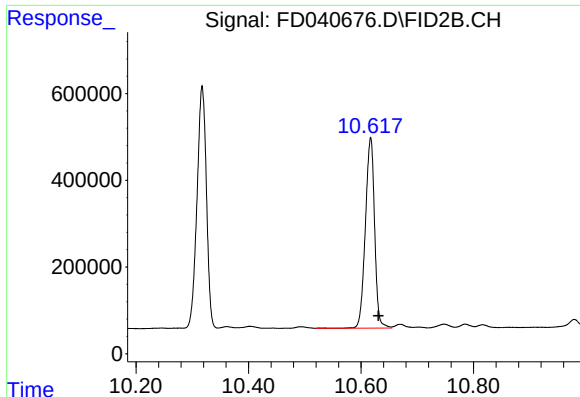
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.012 min
Response: 6462159
Conc: 49.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.318 min
Delta R.T.: -0.012 min
Response: 6474845
Conc: 47.78 ug/ml



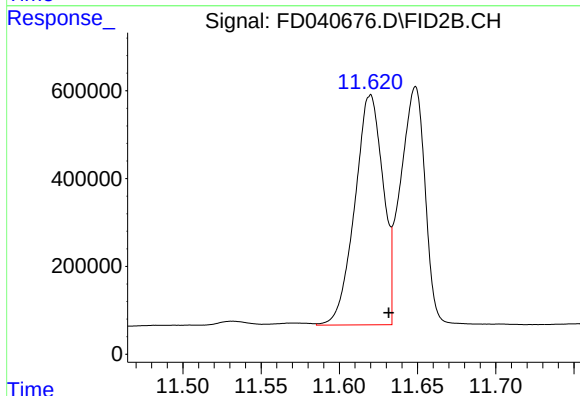
#9 ortho-Terphenyl (SURR)

R.T.: 10.617 min
Delta R.T.: -0.014 min
Response: 4986330
Conc: 32.34 ug/ml

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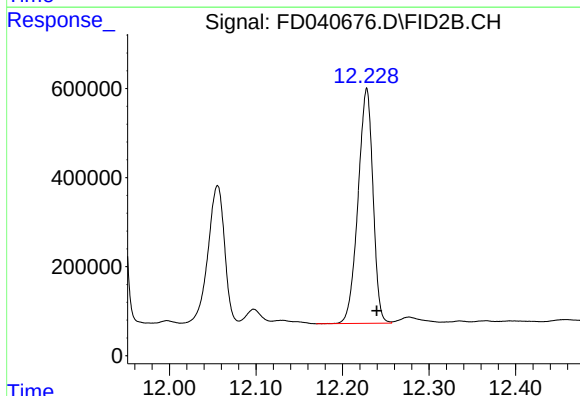
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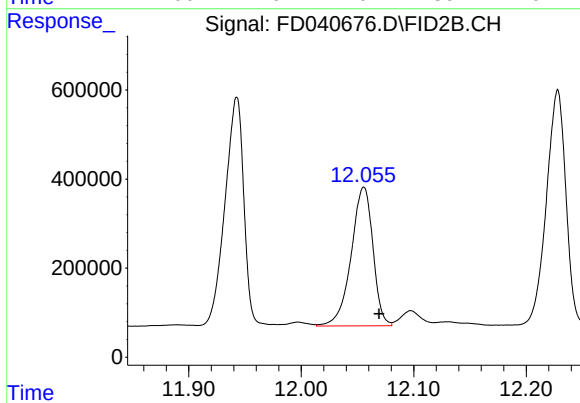
#10 n-Eicosane (C20)

R.T.: 11.620 min
Delta R.T.: -0.012 min
Response: 6566126
Conc: 48.27 ug/ml



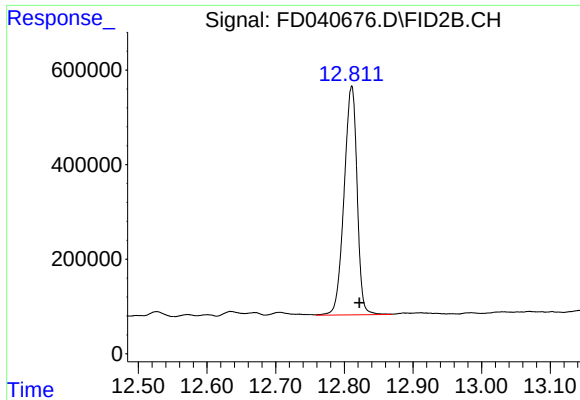
#11 n-Heneicosane (C21)

R.T.: 12.228 min
Delta R.T.: -0.012 min
Response: 6328677
Conc: 45.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.056 min
Delta R.T.: -0.014 min
Response: 4201639
Conc: 35.70 ug/ml



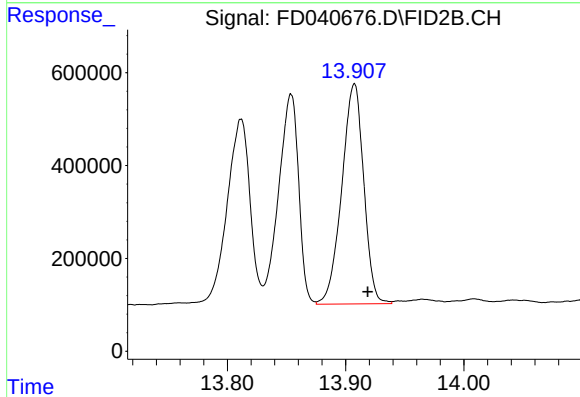
#13 n-Docosane (C22)

R.T.: 12.811 min
Delta R.T.: -0.011 min
Response: 6388650
Conc: 46.33 ug/ml

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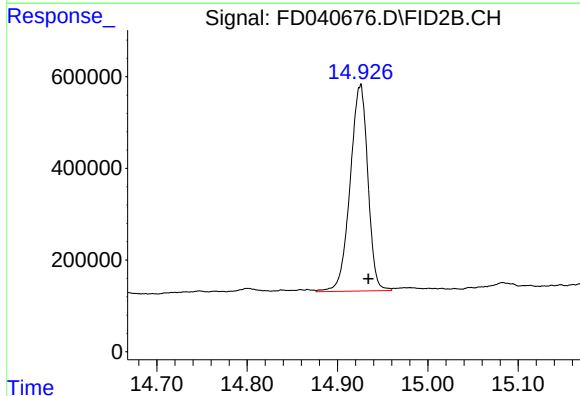
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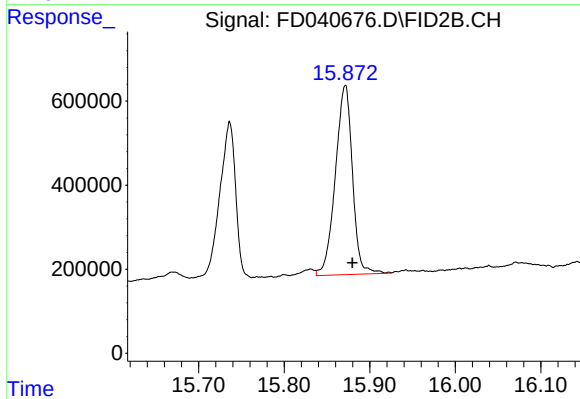
#14 n-Tetracosane (C24)

R.T.: 13.907 min
Delta R.T.: -0.011 min
Response: 6124166
Conc: 43.80 ug/ml



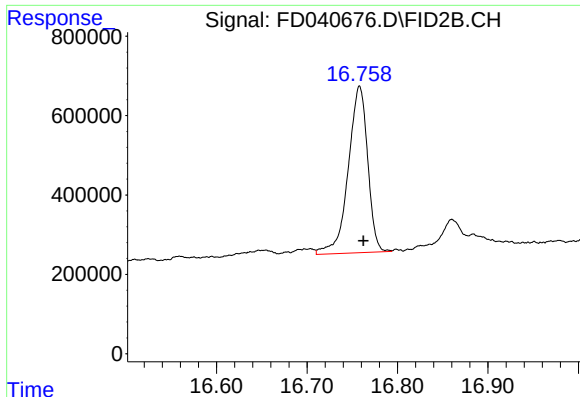
#15 n-Hexacosane (C26)

R.T.: 14.925 min
Delta R.T.: -0.009 min
Response: 6126101
Conc: 44.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.871 min
Delta R.T.: -0.008 min
Response: 6263650
Conc: 46.16 ug/ml



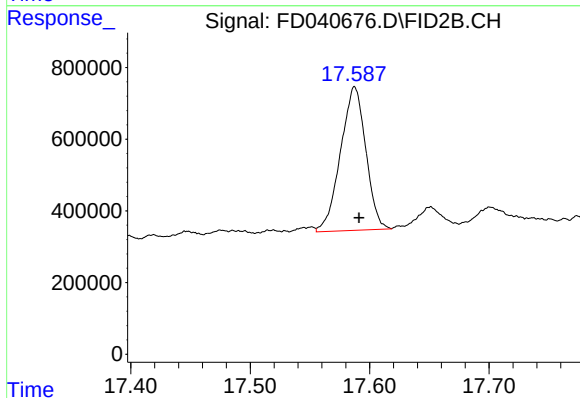
#17 n-Tricontane (C30)

R.T.: 16.758 min
Delta R.T.: -0.004 min
Response: 6256080
Conc: 48.00 ug/ml

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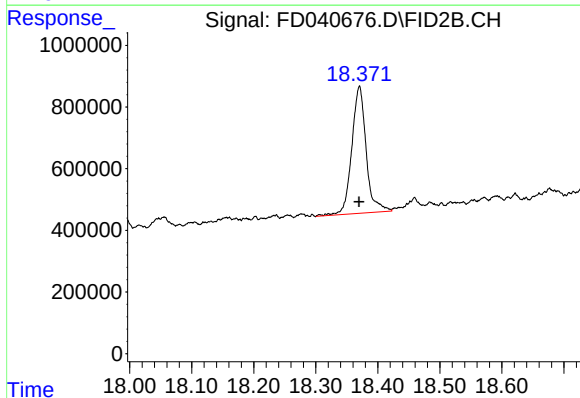
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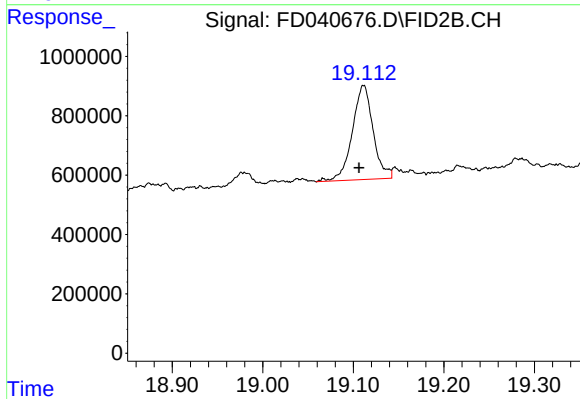
#18 n-Dotriacontane (C32)

R.T.: 17.587 min
Delta R.T.: -0.004 min
Response: 5889932
Conc: 49.27 ug/ml



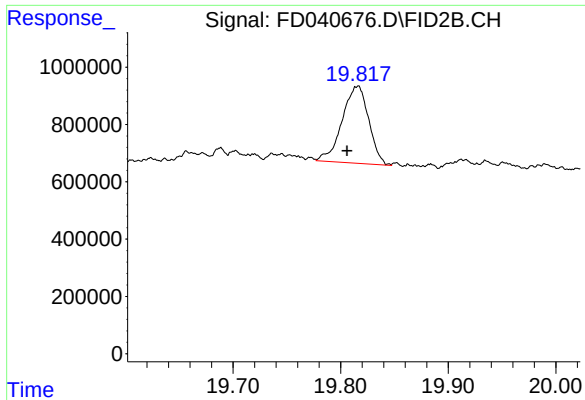
#19 n-Tetratriacontane (C34)

R.T.: 18.370 min
Delta R.T.: 0.000 min
Response: 6633615
Conc: 63.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.111 min
Delta R.T.: 0.005 min
Response: 5074685
Conc: 50.08 ug/ml



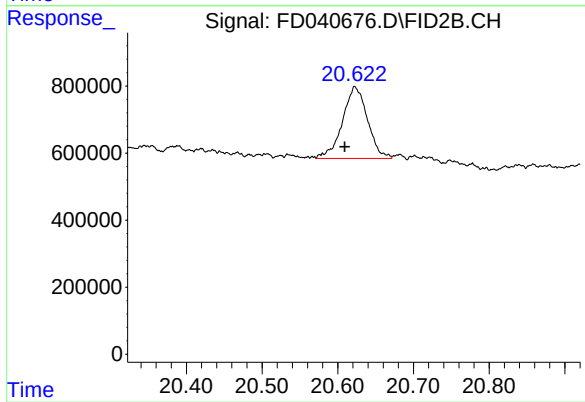
#21 n-Octatriacontane (C38)

R.T.: 19.816 min
Delta R.T.: 0.010 min
Response: 4626234
Conc: 51.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.622 min
Delta R.T.: 0.013 min
Response: 4914199
Conc: 57.49 ug/ml m