

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040026.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 6:42
 Operator : AJ\MA
 Sample : M5122-02MSD
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 369MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 19 23:52:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 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)	10.758	6978178	44.451 ug/ml
Spiked Amount 50.000		Recovery =	88.90%
12) S 1-chlorooctadecane (S...	12.193	5483287	44.402 ug/ml
Spiked Amount 50.000		Recovery =	88.80%
Target Compounds			
1) T n-Nonane (C9)	2.661	4183521	29.729 ug/ml
2) T n-Decane (C10)	3.661	4778020	33.499 ug/ml
3) T A~Naphthalene (C11.7)	5.207	5869208	36.563 ug/ml
4) T n-Dodecane (C12)	5.639	5170920	36.215 ug/ml
5) T A~2-methylnaphthalene...	6.251	5915213	36.654 ug/ml
6) T n-Tetradecane (C14)	7.423	5666470	39.315 ug/ml
7) T n-Hexadecane (C16)	9.013	6275447	43.137 ug/ml
8) T n-Octadecane (C18)	10.449	6548522	44.008 ug/ml
10) T n-Eicosane (C20)	11.753	6453585	44.127 ug/ml
11) T n-Heneicosane (C21)	12.361	6304001	42.908 ug/ml
13) T n-Docosane (C22)	12.944	6174613	42.284 ug/mlm
14) T n-Tetracosane (C24)	14.043	6025697	41.373 ug/ml
15) T n-Hexacosane (C26)	15.061	5733061	40.875 ug/mlm
16) T n-Octacosane (C28)	16.007	5652290	41.676 ug/mlm
17) T n-Tricontane (C30)	16.892	5301173	40.568 ug/mlm
18) T n-Dotriacontane (C32)	17.720	5141236	41.310 ug/mlm
19) T n-Tetratriacontane (C34)	18.502	4775763	39.540 ug/mlm
20) T n-Hexatriacontane (C36)	19.241	4076758	35.449 ug/mlm
21) T n-Octatriacontane (C38)	19.953	3861359	34.593 ug/mlm
22) T n-Tetracontane (C40)	20.804	8530353	74.864 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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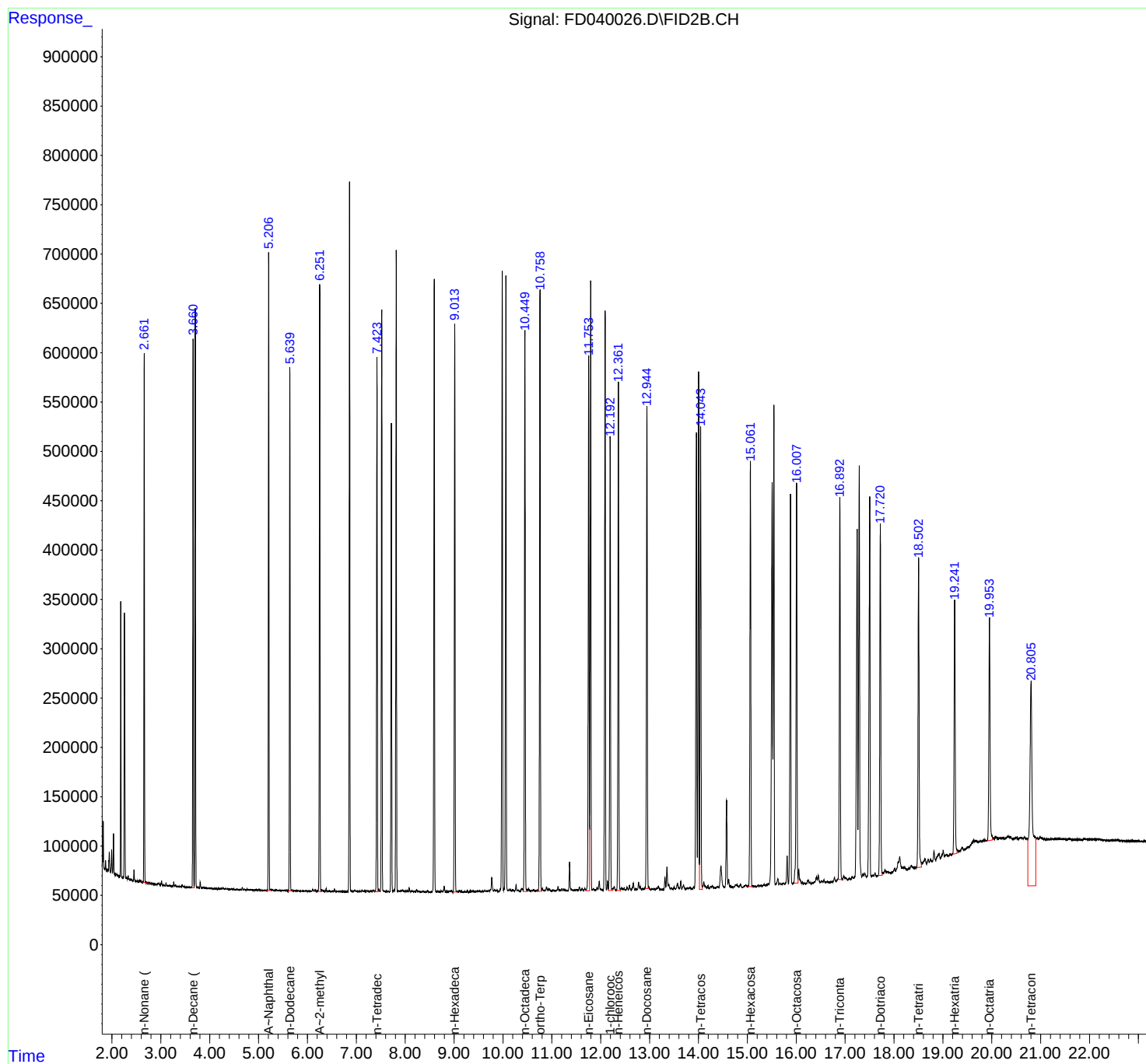
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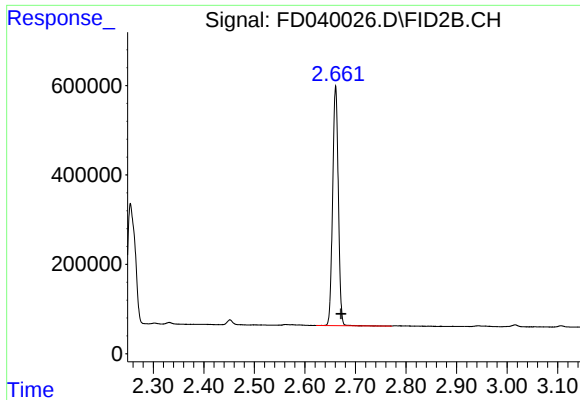
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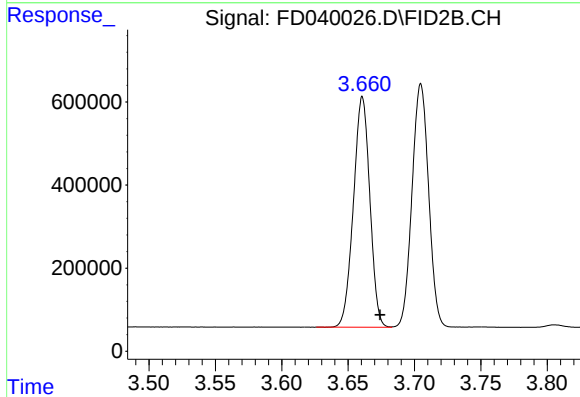
#1 n-Nonane (C9)

R.T.: 2.661 min
Delta R.T.: -0.011 min
Response: 4183521
Conc: 29.73 ug/ml

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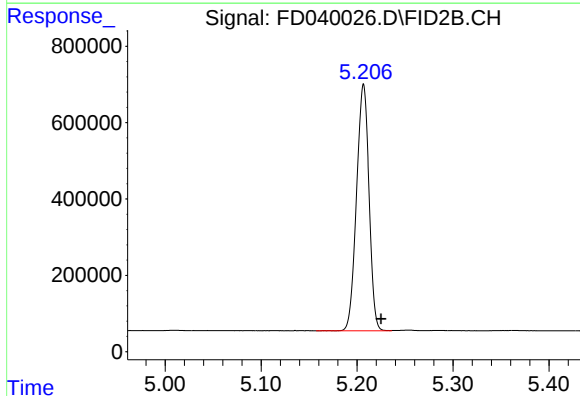
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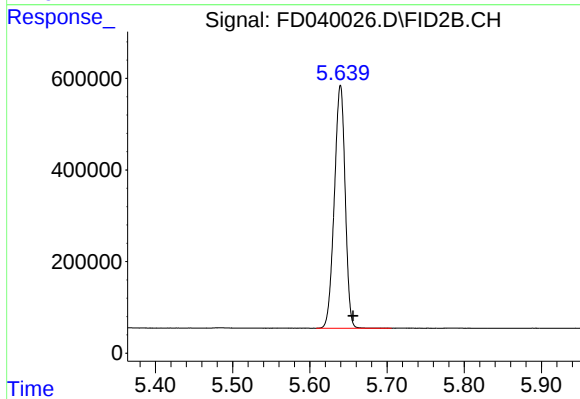
#2 n-Decane (C10)

R.T.: 3.661 min
Delta R.T.: -0.013 min
Response: 4778020
Conc: 33.50 ug/ml



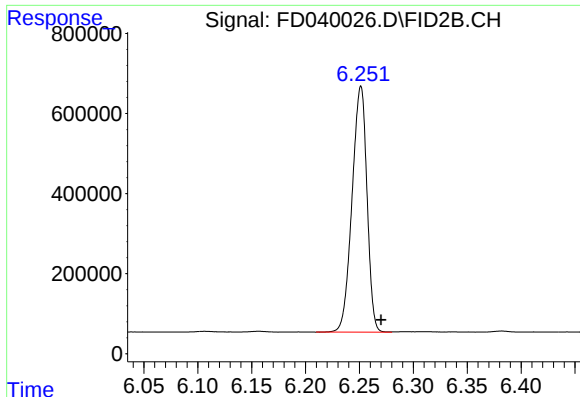
#3 A~Naphthalene (C11.7)

R.T.: 5.207 min
Delta R.T.: -0.018 min
Response: 5869208
Conc: 36.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.639 min
Delta R.T.: -0.017 min
Response: 5170920
Conc: 36.22 ug/ml



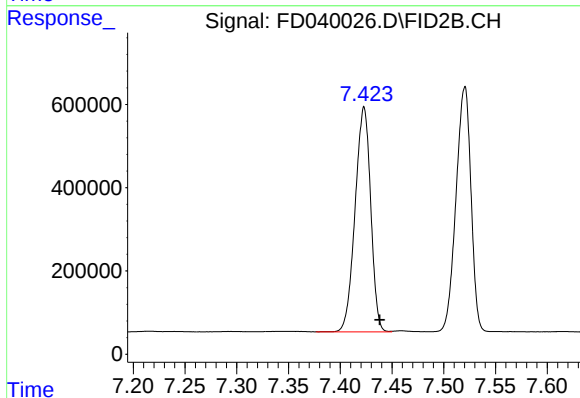
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.251 min
Delta R.T.: -0.019 min
Response: 5915213
Conc: 36.65 ug/ml

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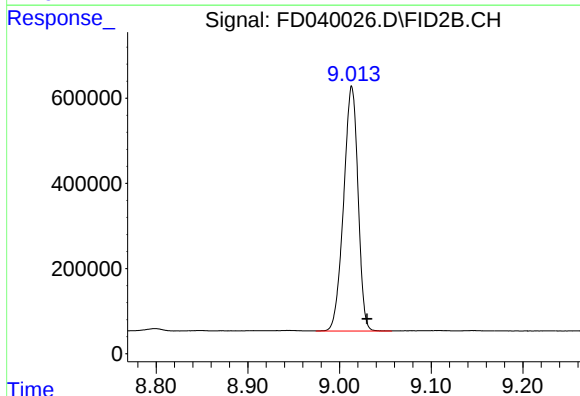
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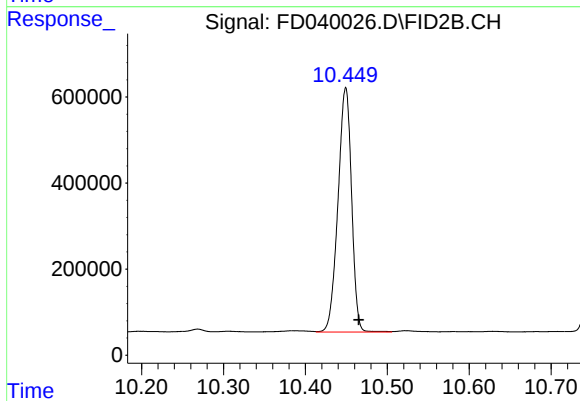
#6 n-Tetradecane (C14)

R.T.: 7.423 min
Delta R.T.: -0.015 min
Response: 5666470
Conc: 39.32 ug/ml



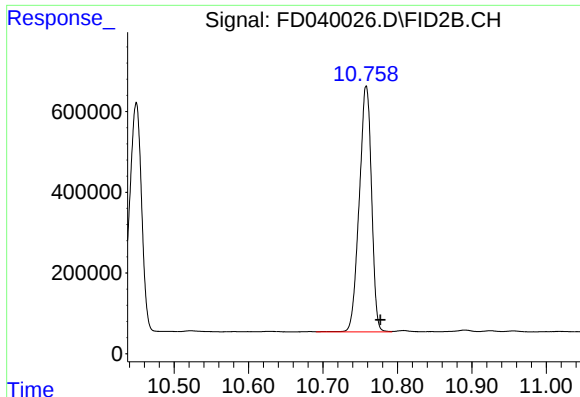
#7 n-Hexadecane (C16)

R.T.: 9.013 min
Delta R.T.: -0.017 min
Response: 6275447
Conc: 43.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.449 min
Delta R.T.: -0.016 min
Response: 6548522
Conc: 44.01 ug/ml



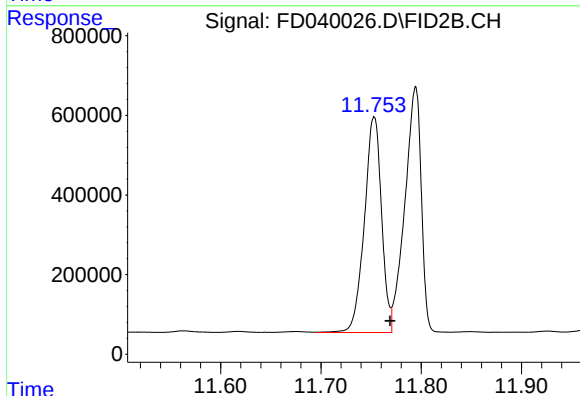
#9 ortho-Terphenyl (SURR)

R.T.: 10.758 min
Delta R.T.: -0.019 min
Response: 6978178
Conc: 44.45 ug/ml

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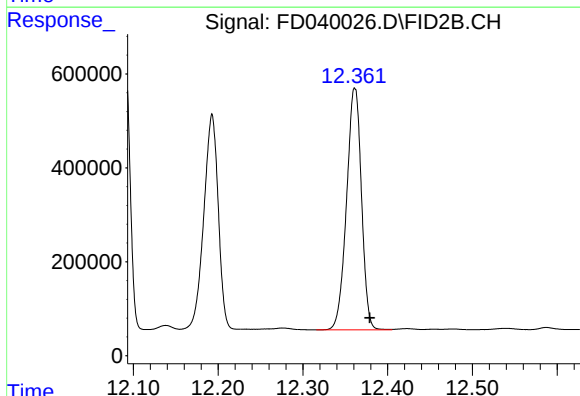
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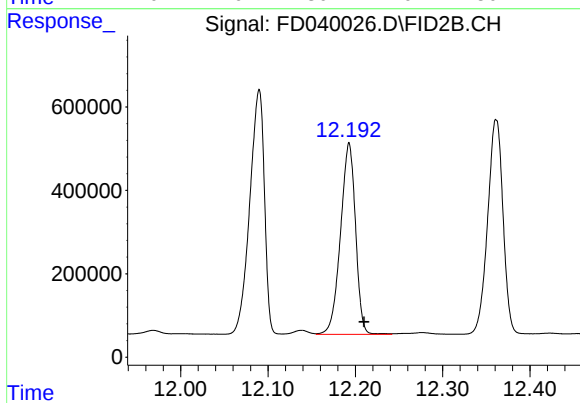
#10 n-Eicosane (C20)

R.T.: 11.753 min
Delta R.T.: -0.016 min
Response: 6453585
Conc: 44.13 ug/ml



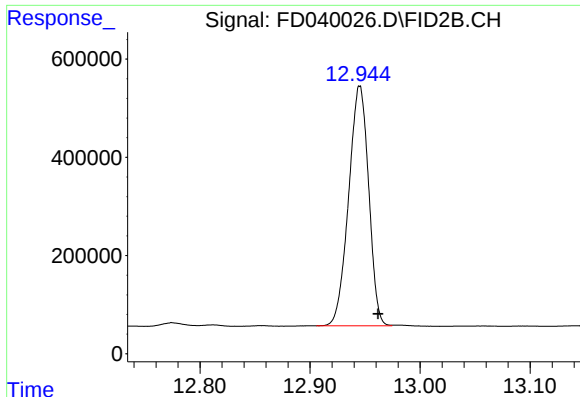
#11 n-Heneicosane (C21)

R.T.: 12.361 min
Delta R.T.: -0.018 min
Response: 6304001
Conc: 42.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.193 min
Delta R.T.: -0.017 min
Response: 5483287
Conc: 44.40 ug/ml



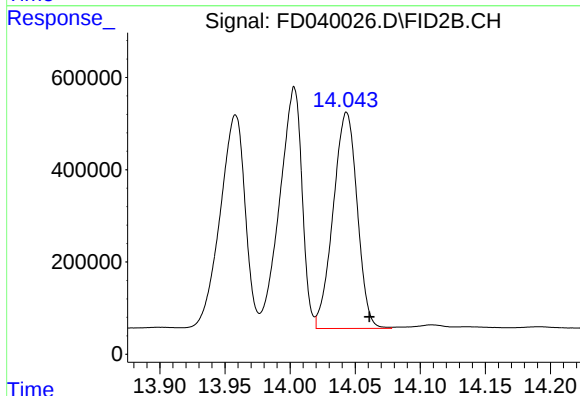
#13 n-Docosane (C22)

R.T.: 12.944 min
Delta R.T.: -0.018 min
Response: 6174613
Conc: 42.28 ug/ml

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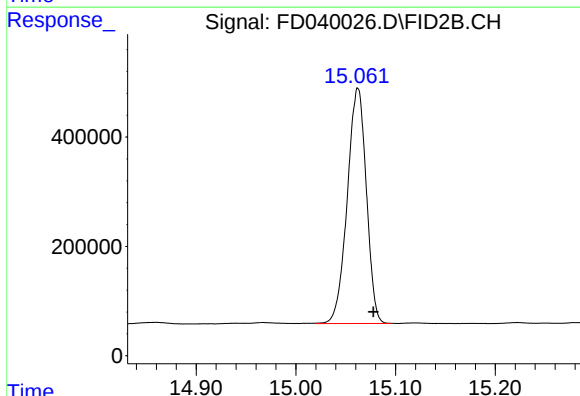
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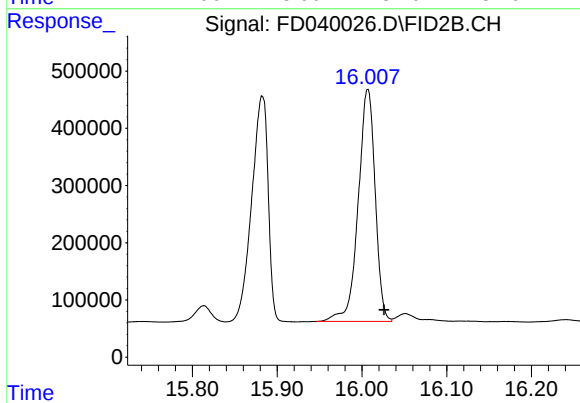
#14 n-Tetracosane (C24)

R.T.: 14.043 min
Delta R.T.: -0.018 min
Response: 6025697
Conc: 41.37 ug/ml



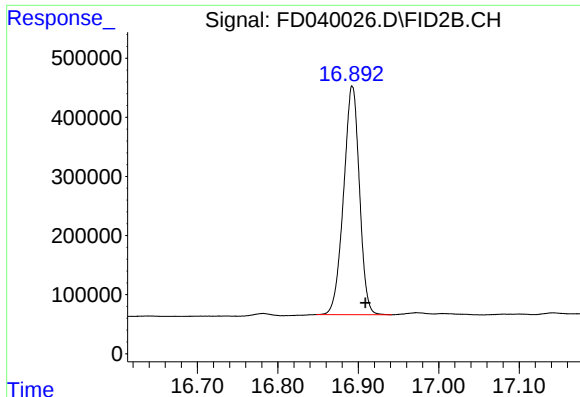
#15 n-Hexacosane (C26)

R.T.: 15.061 min
Delta R.T.: -0.017 min
Response: 5733061
Conc: 40.88 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.007 min
Delta R.T.: -0.019 min
Response: 5652290
Conc: 41.68 ug/ml m



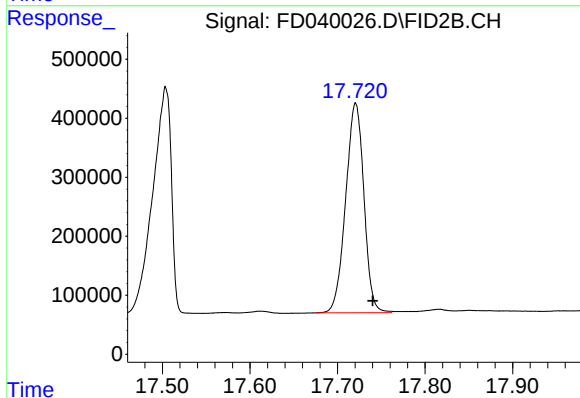
#17 n-Tricontane (C30)

R.T.: 16.892 min
Delta R.T.: -0.017 min
Response: 5301173
Conc: 40.57 ug/ml

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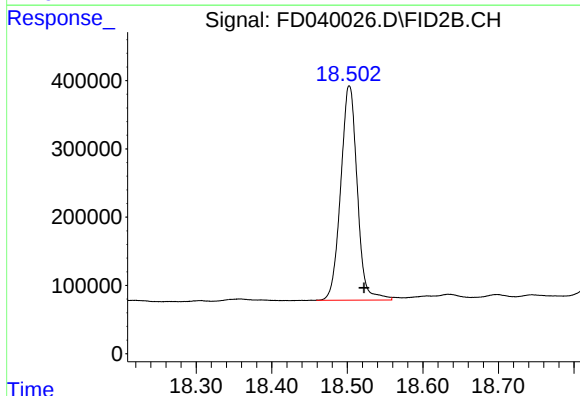
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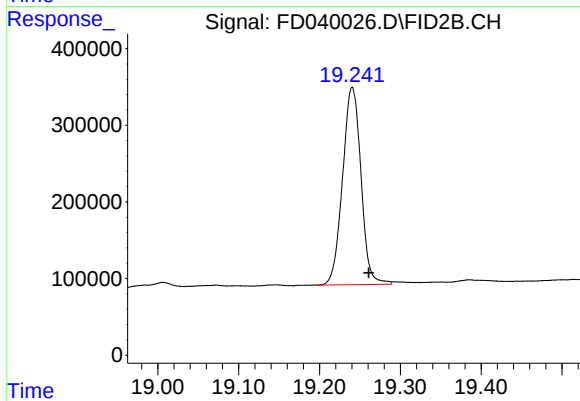
#18 n-Dotriacontane (C32)

R.T.: 17.720 min
Delta R.T.: -0.020 min
Response: 5141236
Conc: 41.31 ug/ml m



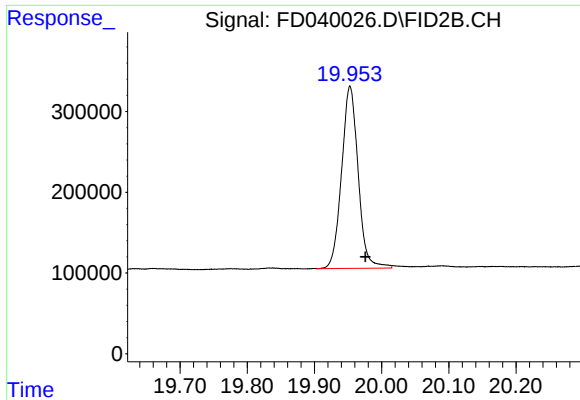
#19 n-Tetratriacontane (C34)

R.T.: 18.502 min
Delta R.T.: -0.020 min
Response: 4775763
Conc: 39.54 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.241 min
Delta R.T.: -0.020 min
Response: 4076758
Conc: 35.45 ug/ml m



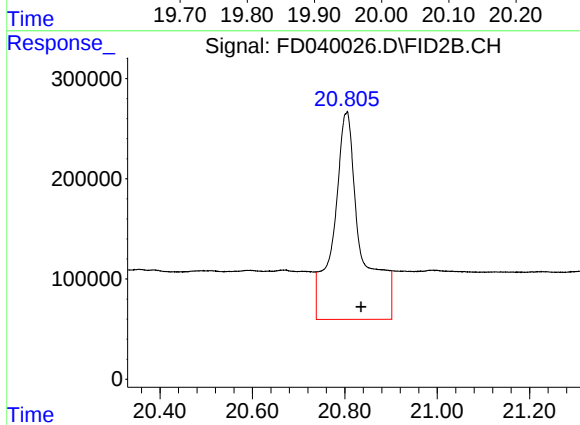
#21 n-Octatriacontane (C38)

R.T.: 19.953 min
Delta R.T.: -0.023 min
Response: 3861359
Conc: 34.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.804 min
Delta R.T.: -0.031 min
Response: 8530353
Conc: 74.86 ug/ml