

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040025.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 6:09
 Operator : AJ\MA
 Sample : M5122-02MS
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 369MS

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 23:51:54 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)	10.759	6911337	44.025 ug/ml
Spiked Amount 50.000		Recovery =	88.05%
12) S 1-chlorooctadecane (S...	12.192	5431015	43.978 ug/ml
Spiked Amount 50.000		Recovery =	87.96%
Target Compounds			
1) T n-Nonane (C9)	2.660	4114715	29.240 ug/ml
2) T n-Decane (C10)	3.661	4703592	32.978 ug/ml
3) T A~Naphthalene (C11.7)	5.207	5786963	36.050 ug/ml
4) T n-Dodecane (C12)	5.639	5096962	35.697 ug/ml
5) T A~2-methylnaphthalene...	6.251	5834580	36.155 ug/ml
6) T n-Tetradecane (C14)	7.423	5575470	38.684 ug/ml
7) T n-Hexadecane (C16)	9.013	6180144	42.482 ug/ml
8) T n-Octadecane (C18)	10.449	6457319	43.395 ug/ml
10) T n-Eicosane (C20)	11.753	6373277	43.578 ug/ml
11) T n-Heneicosane (C21)	12.361	6234892	42.437 ug/ml
13) T n-Docosane (C22)	12.945	6133838	42.005 ug/mlm
14) T n-Tetracosane (C24)	14.043	5989419	41.124 ug/ml
15) T n-Hexacosane (C26)	15.063	5721409	40.792 ug/mlm
16) T n-Octacosane (C28)	16.007	5637160	41.564 ug/mlm
17) T n-Tricontane (C30)	16.893	5314153	40.667 ug/mlm
18) T n-Dotriacontane (C32)	17.721	5135481	41.264 ug/mlm
19) T n-Tetratriacontane (C34)	18.503	4768321	39.479 ug/mlm
20) T n-Hexatriacontane (C36)	19.242	4096981	35.625 ug/mlm
21) T n-Octatriacontane (C38)	19.952	3863086	34.609 ug/mlm
22) T n-Tetracontane (C40)	20.802	3804199	33.386 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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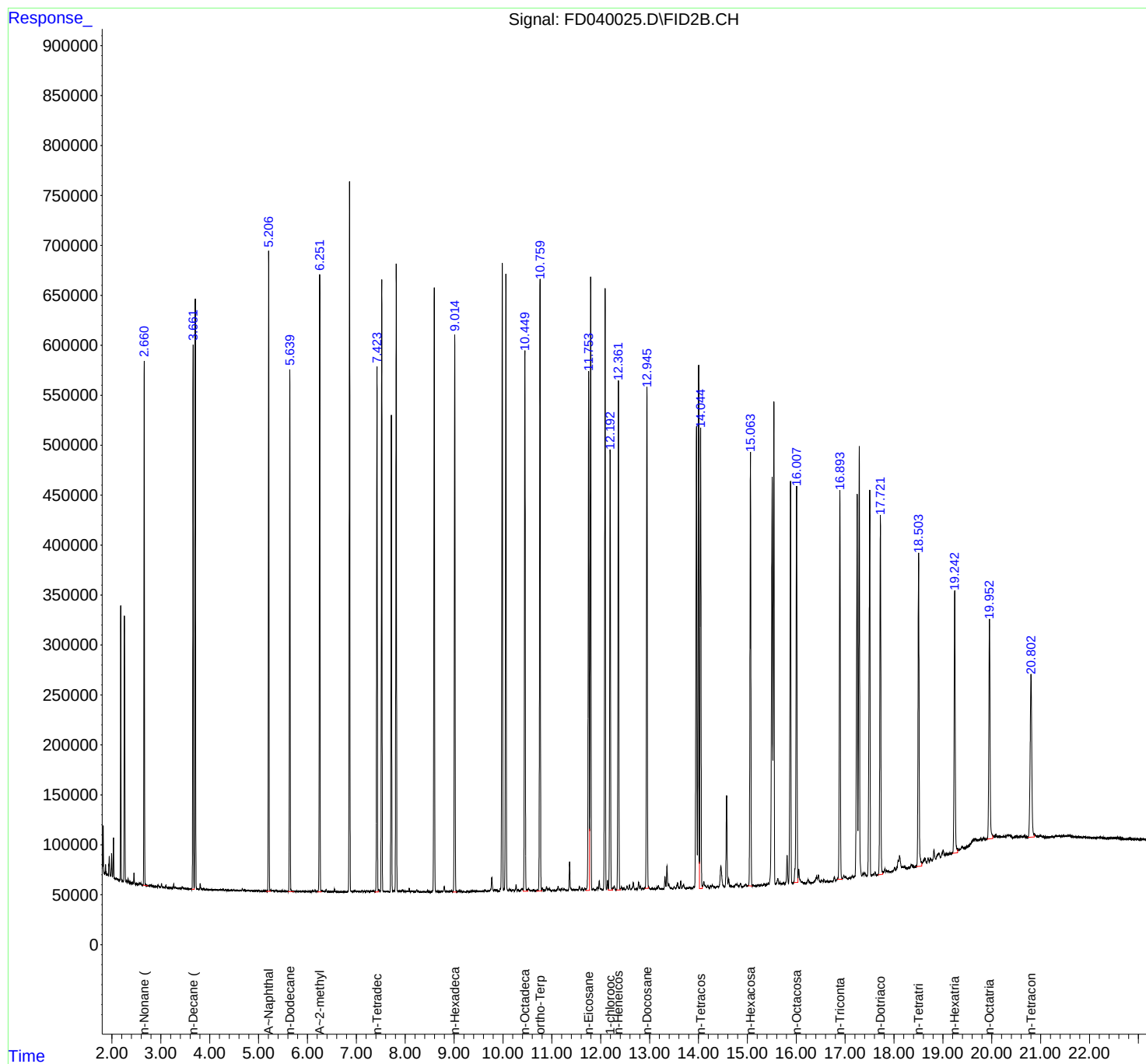
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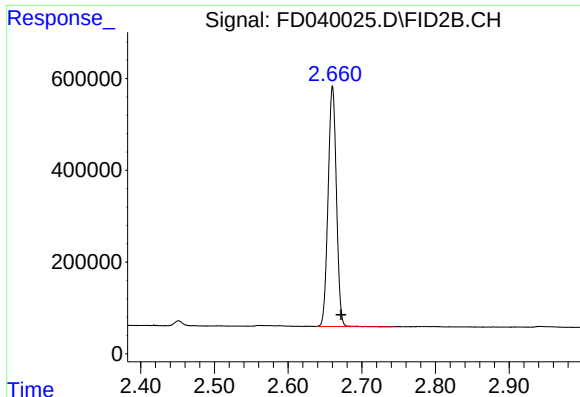
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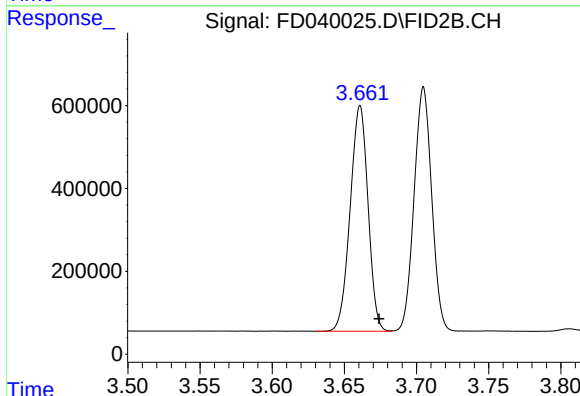
#1 n-Nonane (C9)

R.T.: 2.660 min
Delta R.T.: -0.012 min
Response: 4114715
Conc: 29.24 ug/ml

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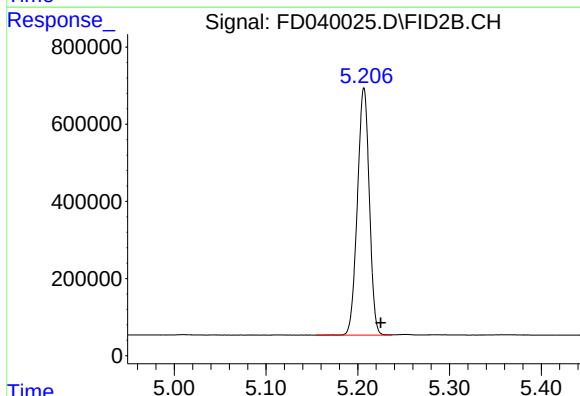
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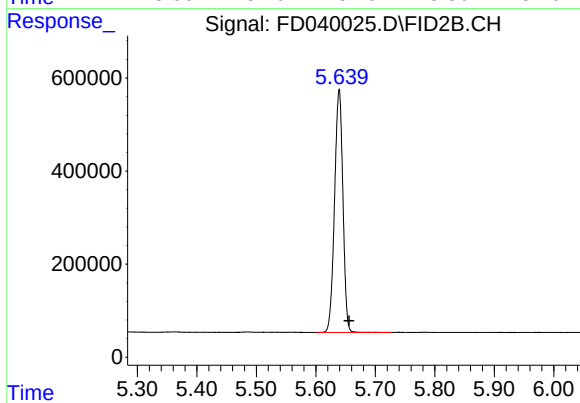
#2 n-Decane (C10)

R.T.: 3.661 min
Delta R.T.: -0.013 min
Response: 4703592
Conc: 32.98 ug/ml



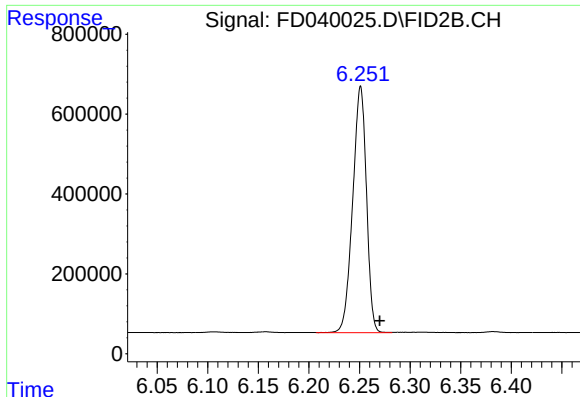
#3 A~Naphthalene (C11.7)

R.T.: 5.207 min
Delta R.T.: -0.018 min
Response: 5786963
Conc: 36.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.639 min
Delta R.T.: -0.017 min
Response: 5096962
Conc: 35.70 ug/ml



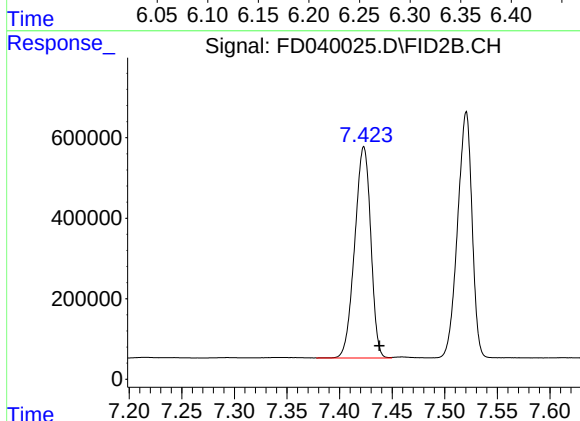
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.251 min
Delta R.T.: -0.019 min
Response: 5834580
Conc: 36.15 ug/ml

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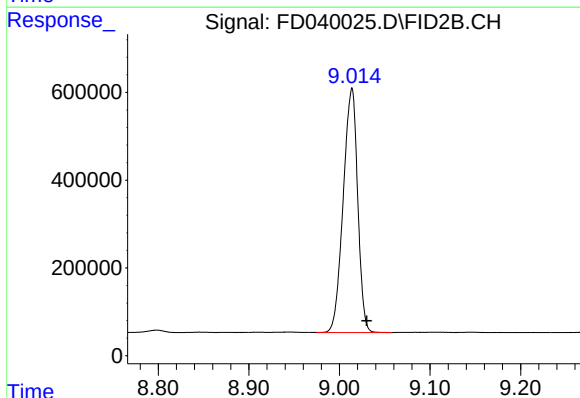
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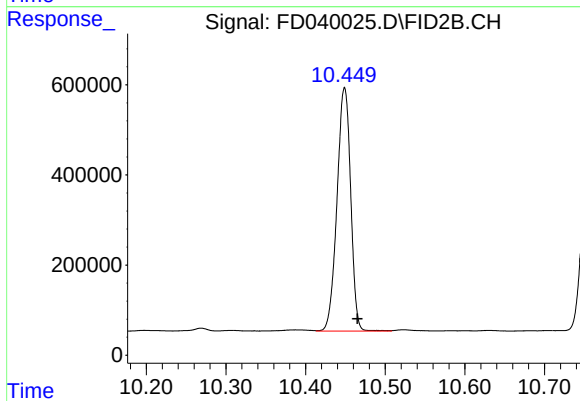
#6 n-Tetradecane (C14)

R.T.: 7.423 min
Delta R.T.: -0.015 min
Response: 5575470
Conc: 38.68 ug/ml



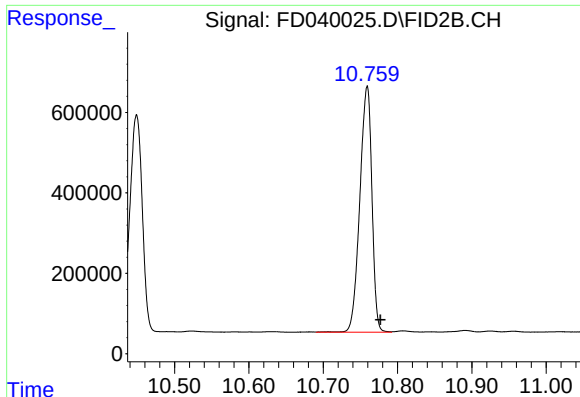
#7 n-Hexadecane (C16)

R.T.: 9.013 min
Delta R.T.: -0.017 min
Response: 6180144
Conc: 42.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.449 min
Delta R.T.: -0.016 min
Response: 6457319
Conc: 43.39 ug/ml



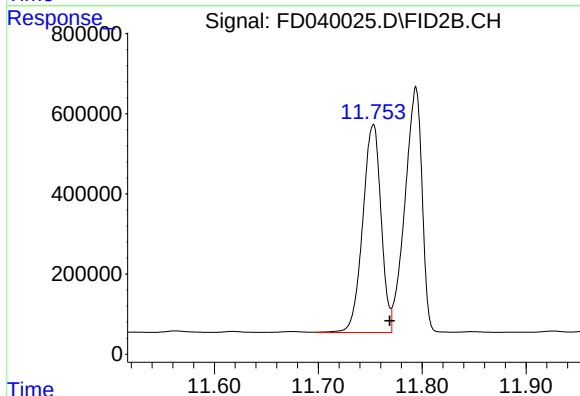
#9 ortho-Terphenyl (SURR)

R.T.: 10.759 min
Delta R.T.: -0.018 min
Response: 6911337
Conc: 44.02 ug/ml

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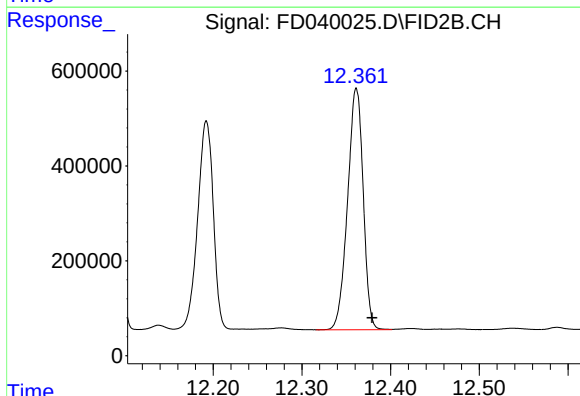
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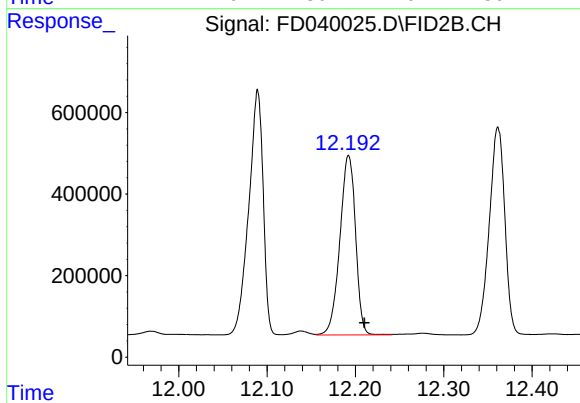
#10 n-Eicosane (C20)

R.T.: 11.753 min
Delta R.T.: -0.016 min
Response: 6373277
Conc: 43.58 ug/ml



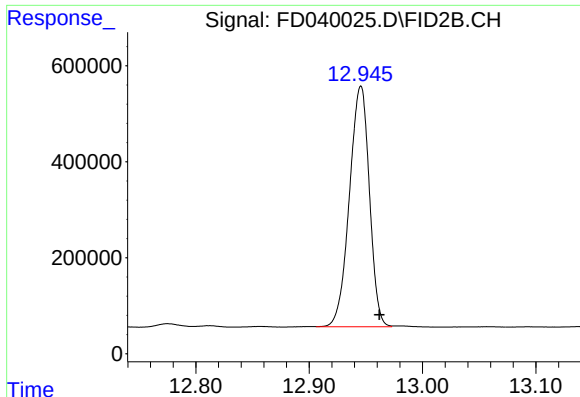
#11 n-Heneicosane (C21)

R.T.: 12.361 min
Delta R.T.: -0.018 min
Response: 6234892
Conc: 42.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.192 min
Delta R.T.: -0.018 min
Response: 5431015
Conc: 43.98 ug/ml



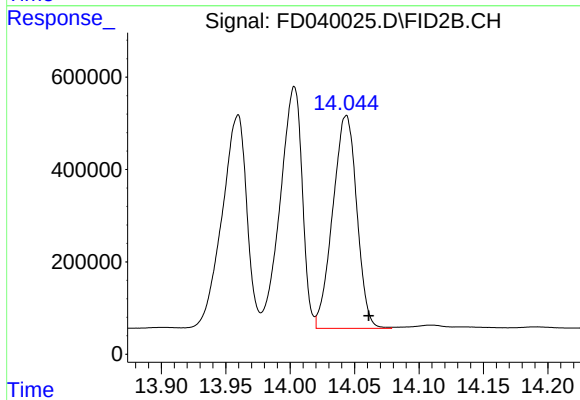
#13 n-Docosane (C22)

R.T.: 12.945 min
Delta R.T.: -0.017 min
Response: 6133838
Conc: 42.00 ug/ml

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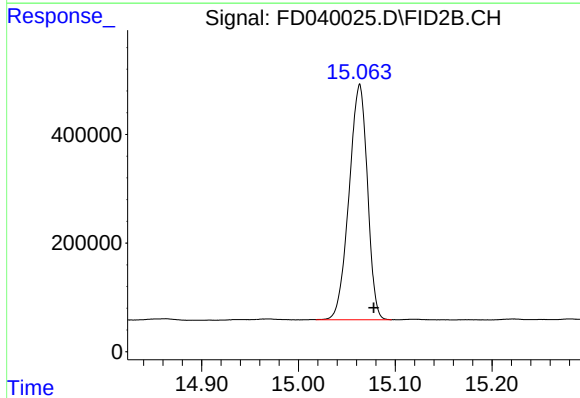
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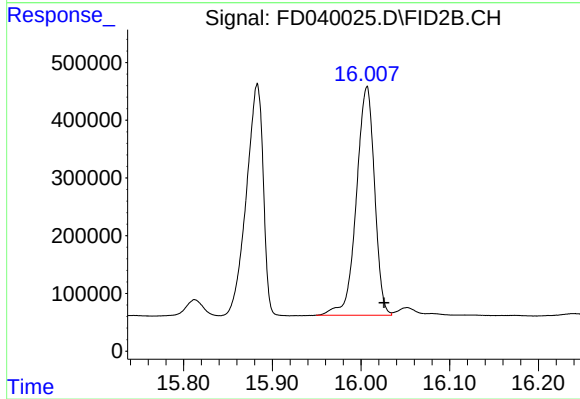
#14 n-Tetracosane (C24)

R.T.: 14.043 min
Delta R.T.: -0.018 min
Response: 5989419
Conc: 41.12 ug/ml



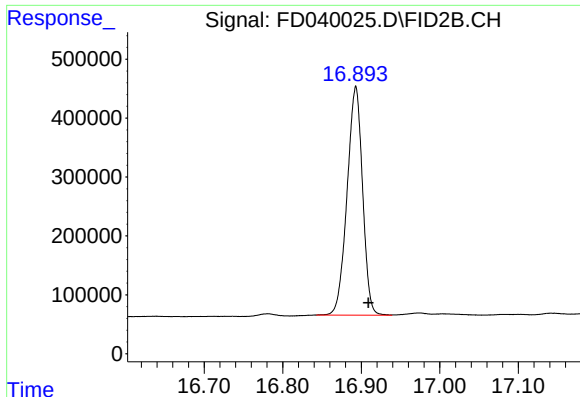
#15 n-Hexacosane (C26)

R.T.: 15.063 min
Delta R.T.: -0.015 min
Response: 5721409
Conc: 40.79 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.007 min
Delta R.T.: -0.019 min
Response: 5637160
Conc: 41.56 ug/ml m



#17 n-Tricontane (C30)

R.T.: 16.893 min
Delta R.T.: -0.016 min
Response: 5314153
Conc: 40.67 ug/ml

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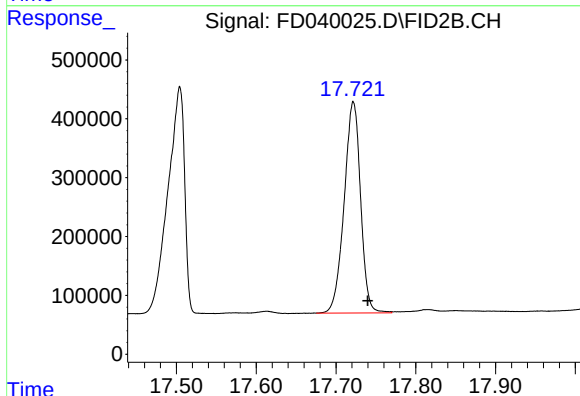
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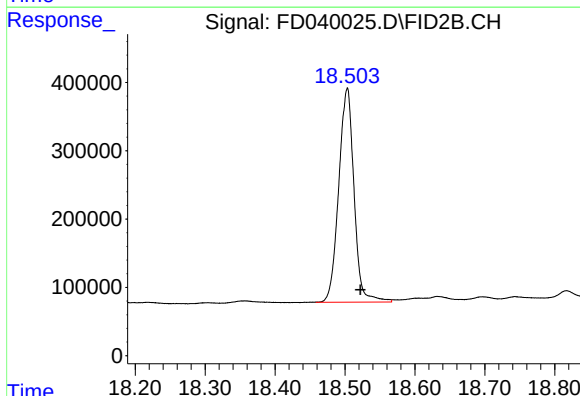
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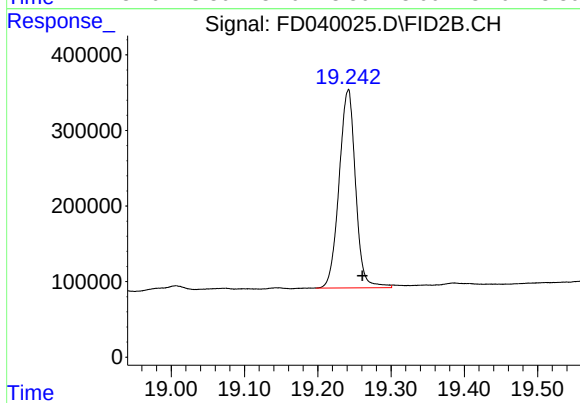
#18 n-Dotriacontane (C32)

R.T.: 17.721 min
Delta R.T.: -0.019 min
Response: 5135481
Conc: 41.26 ug/ml m



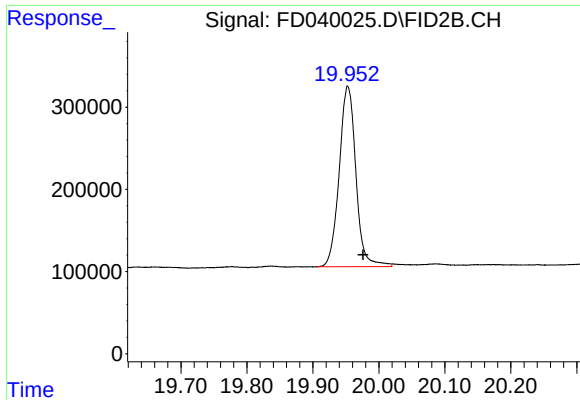
#19 n-Tetratriacontane (C34)

R.T.: 18.503 min
Delta R.T.: -0.019 min
Response: 4768321
Conc: 39.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.242 min
Delta R.T.: -0.019 min
Response: 4096981
Conc: 35.63 ug/ml m



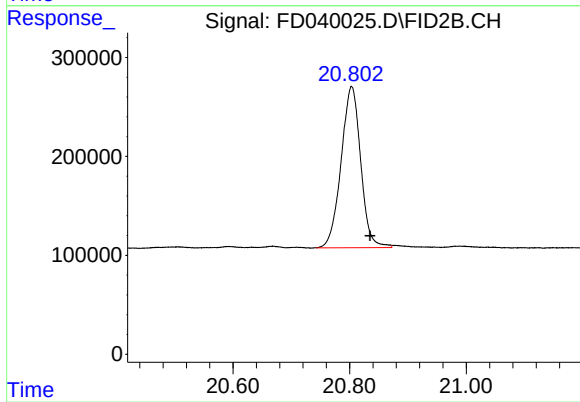
#21 n-Octatriacontane (C38)

R.T.: 19.952 min
Delta R.T.: -0.024 min
Response: 3863086
Conc: 34.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.802 min
Delta R.T.: -0.033 min
Response: 3804199
Conc: 33.39 ug/ml m