

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040270.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 21:45
 Operator : AJ\MA
 Sample : M5241-04MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-2DMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 00:50:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.718	6779257	43.516 ug/mlm
Spiked Amount 50.000		Recovery =	87.03%
12) S 1-chlorooctadecane (S...	12.152	4952031	41.062 ug/mlm
Spiked Amount 50.000		Recovery =	82.12%
Target Compounds			
1) T n-Nonane (C9)	2.640	3735584	28.466 ug/ml
2) T n-Decane (C10)	3.634	4346041	32.833 ug/ml
3) T A~Naphthalene (C11.7)	5.175	5649901	38.291 ug/ml
4) T n-Dodecane (C12)	5.608	5073712	38.203 ug/ml
5) T A~2-methylnaphthalene...	6.217	5810801	39.159 ug/mlm
6) T n-Tetradecane (C14)	7.390	5535185	40.037 ug/mlm
7) T n-Hexadecane (C16)	8.977	6046176	44.095 ug/mlm
8) T n-Octadecane (C18)	10.411	6063453	42.937 ug/mlm
10) T n-Eicosane (C20)	11.713	5801451	41.496 ug/mlm
11) T n-Heneicosane (C21)	12.320	5825394	41.173 ug/mlm
13) T n-Docosane (C22)	12.903	5820510	41.474 ug/mlm
14) T n-Tetracosane (C24)	14.001	5396256	38.433 ug/mlm
15) T n-Hexacosane (C26)	15.018	5251216	38.189 ug/mlm
16) T n-Octacosane (C28)	15.961	5377879	39.533 ug/ml
17) T n-Tricontane (C30)	16.847	5142921	38.429 ug/ml
18) T n-Dotriacontane (C32)	17.674	4879991	37.700 ug/ml
19) T n-Tetratriacontane (C34)	18.454	4791774	39.522 ug/ml
20) T n-Hexatriacontane (C36)	19.189	3662881	34.371 ug/mlm
21) T n-Octatriacontane (C38)	19.896	3428303	37.124 ug/mlm
22) T n-Tetracontane (C40)	20.726	3527632	45.304 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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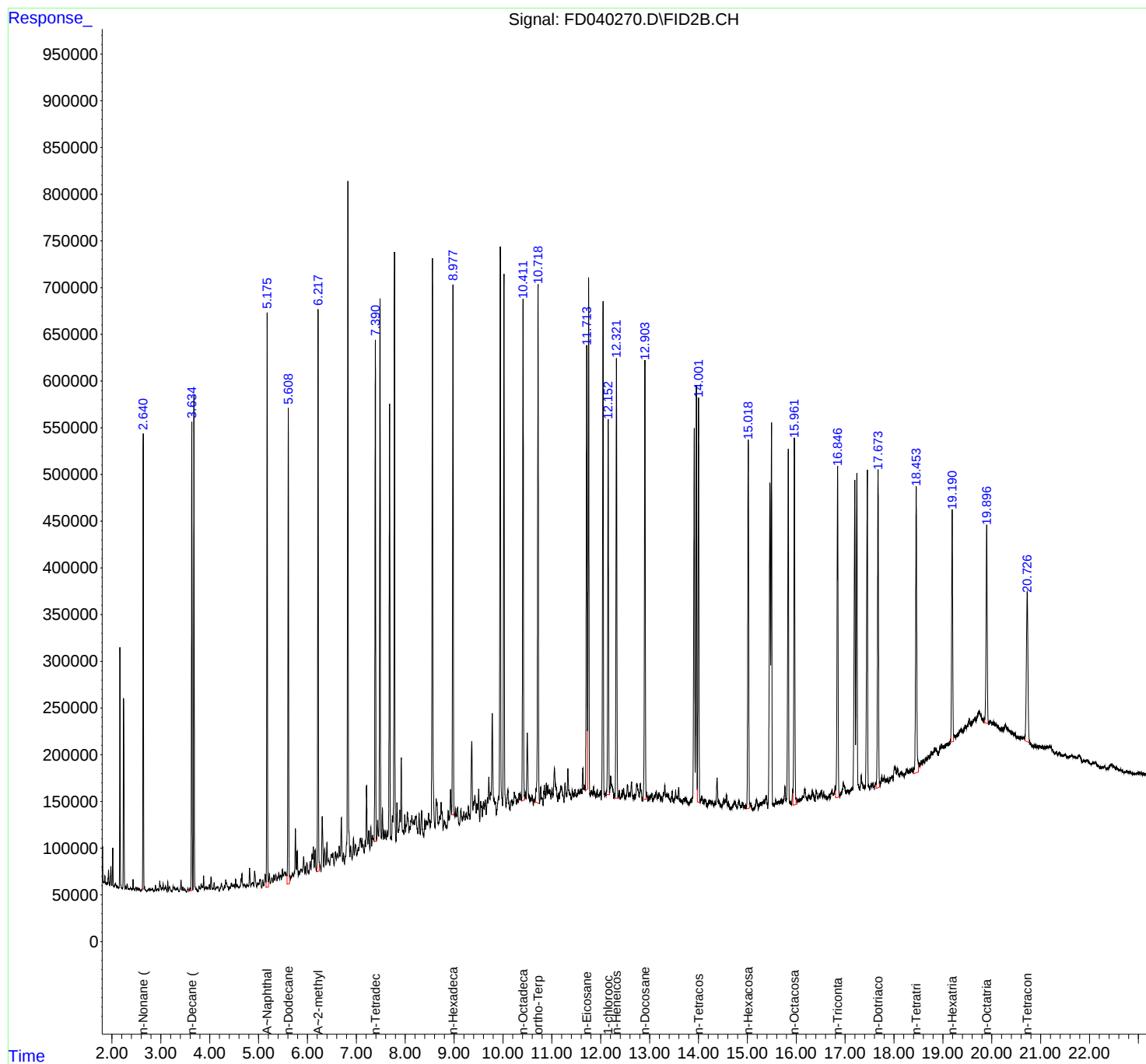
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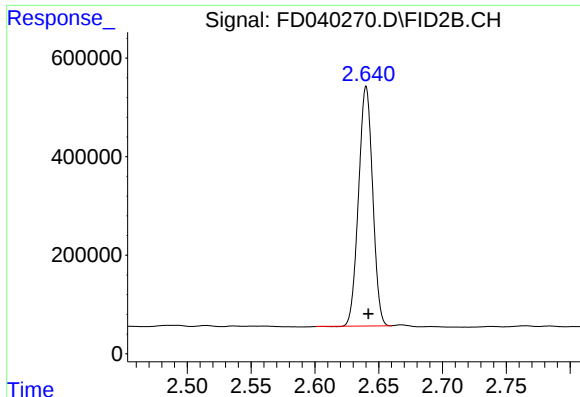
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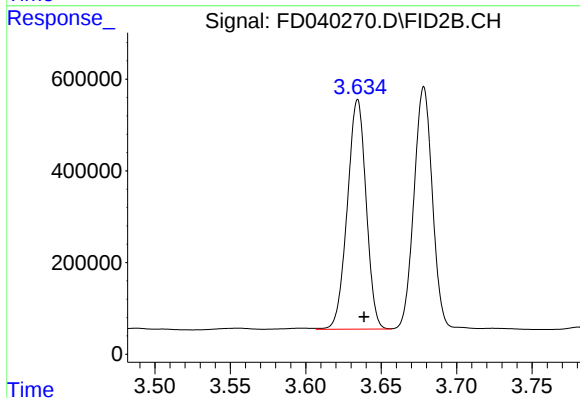
#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 3735584
Conc: 28.47 ug/ml

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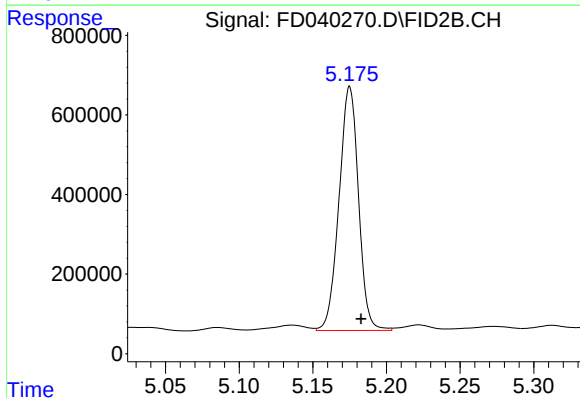
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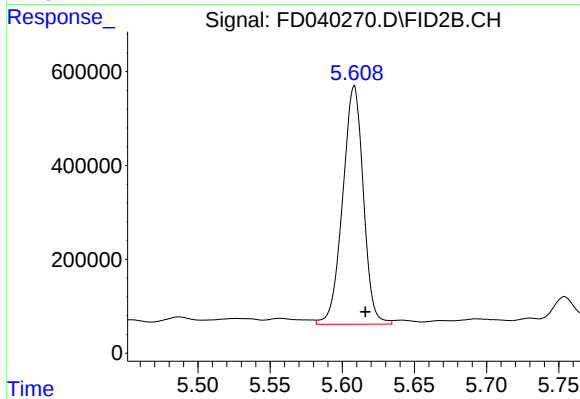
#2 n-Decane (C10)

R.T.: 3.634 min
Delta R.T.: -0.004 min
Response: 4346041
Conc: 32.83 ug/ml



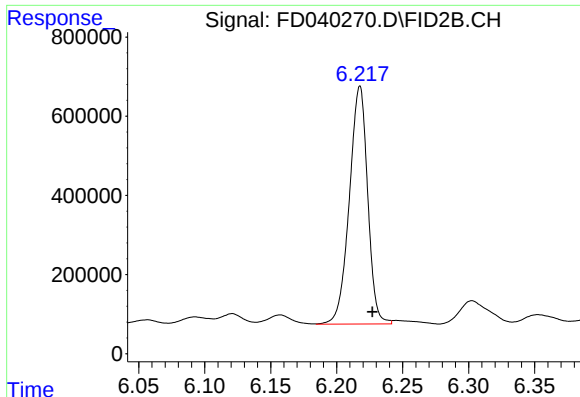
#3 A~Naphthalene (C11.7)

R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 5649901
Conc: 38.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.608 min
Delta R.T.: -0.008 min
Response: 5073712
Conc: 38.20 ug/ml



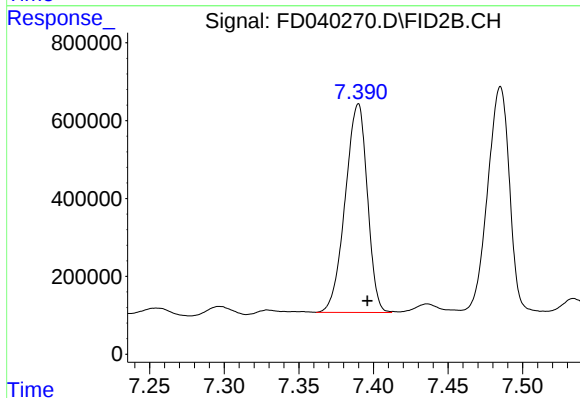
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 5810801
Conc: 39.16 ug/ml

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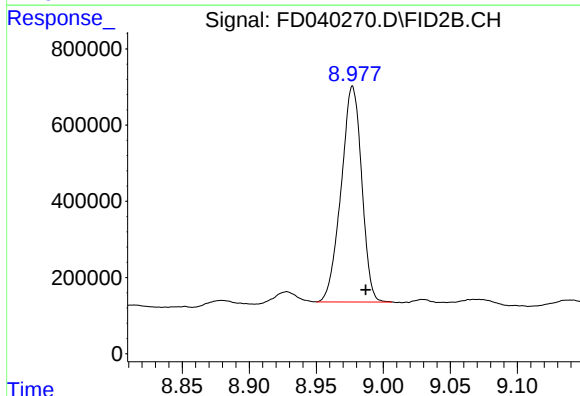
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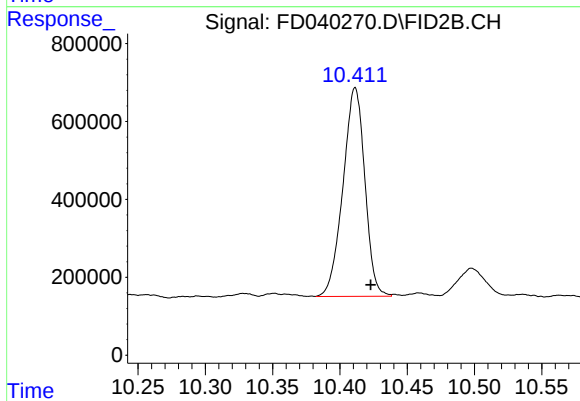
#6 n-Tetradecane (C14)

R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 5535185
Conc: 40.04 ug/ml m



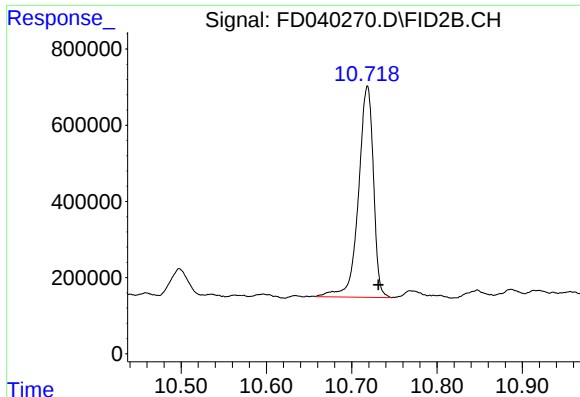
#7 n-Hexadecane (C16)

R.T.: 8.977 min
Delta R.T.: -0.010 min
Response: 6046176
Conc: 44.10 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.411 min
Delta R.T.: -0.012 min
Response: 6063453
Conc: 42.94 ug/ml m



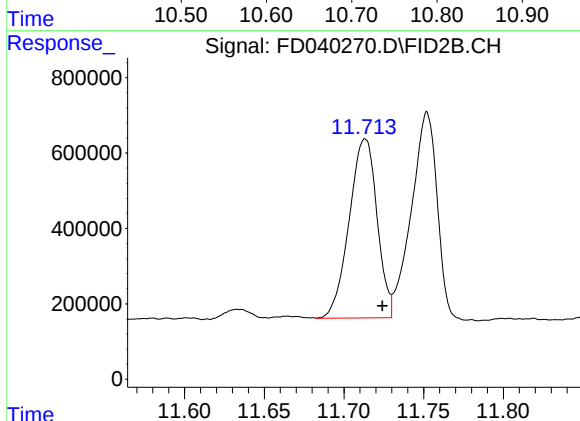
#9 ortho-Terphenyl (SURR)

R.T.: 10.718 min
Delta R.T.: -0.013 min
Response: 6779257
Conc: 43.52 ug/ml

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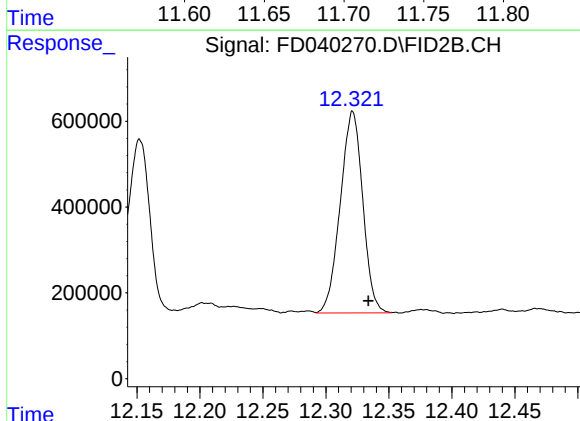
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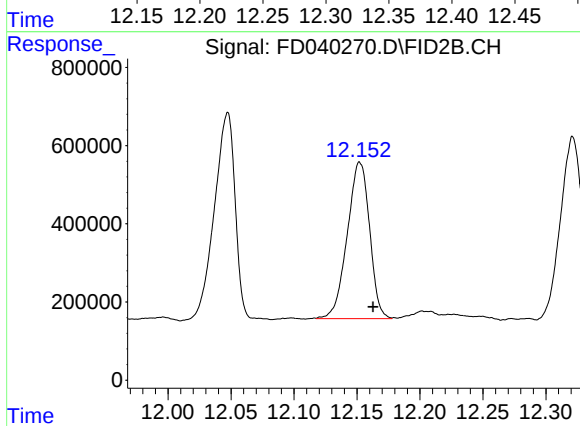
#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.011 min
Response: 5801451
Conc: 41.50 ug/ml m



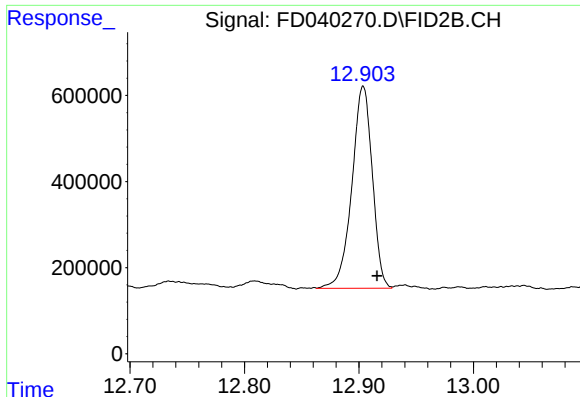
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.013 min
Response: 5825394
Conc: 41.17 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.152 min
Delta R.T.: -0.011 min
Response: 4952031
Conc: 41.06 ug/ml m



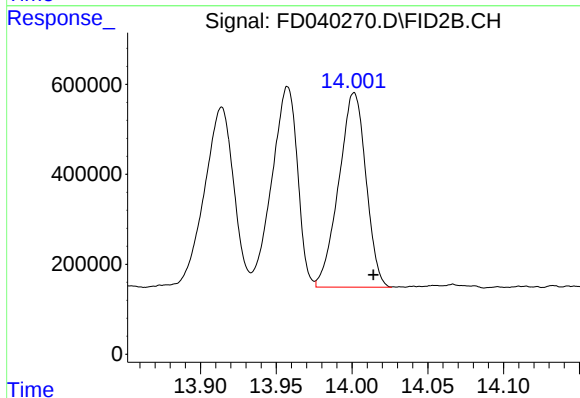
#13 n-Docosane (C22)

R.T.: 12.903 min
Delta R.T.: -0.013 min
Response: 5820510
Conc: 41.47 ug/ml

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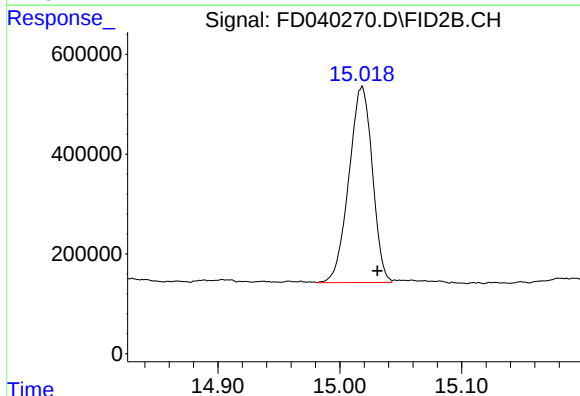
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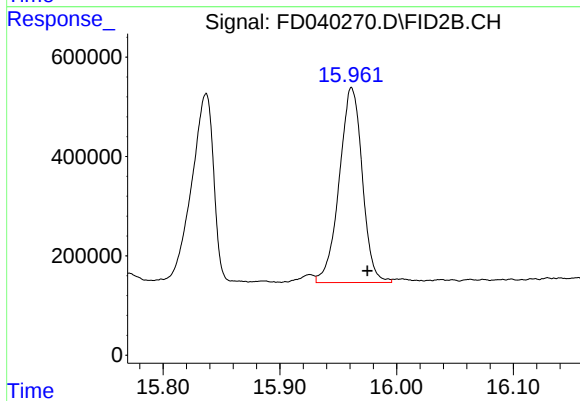
#14 n-Tetracosane (C24)

R.T.: 14.001 min
Delta R.T.: -0.013 min
Response: 5396256
Conc: 38.43 ug/ml m



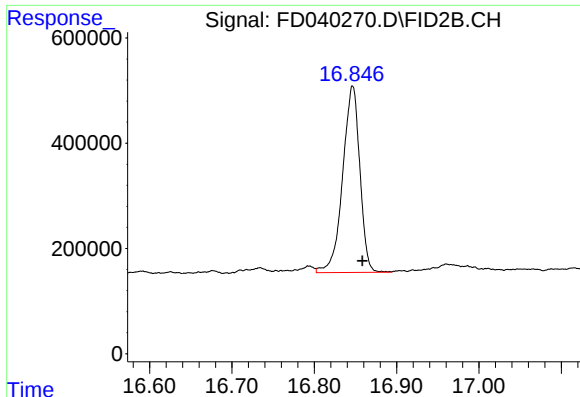
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.013 min
Response: 5251216
Conc: 38.19 ug/ml m



#16 n-Octacosane (C28)

R.T.: 15.961 min
Delta R.T.: -0.014 min
Response: 5377879
Conc: 39.53 ug/ml



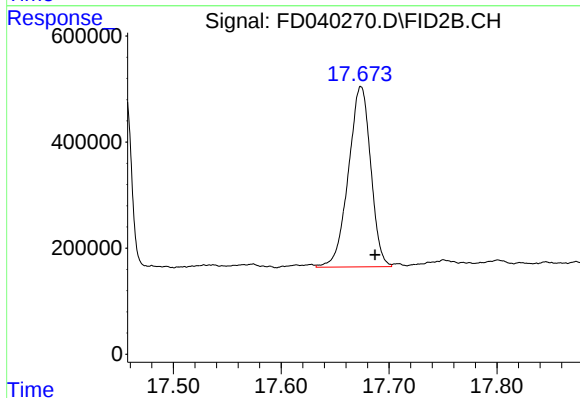
#17 n-Tricontane (C30)

R.T.: 16.847 min
Delta R.T.: -0.012 min
Response: 5142921
Conc: 38.43 ug/ml

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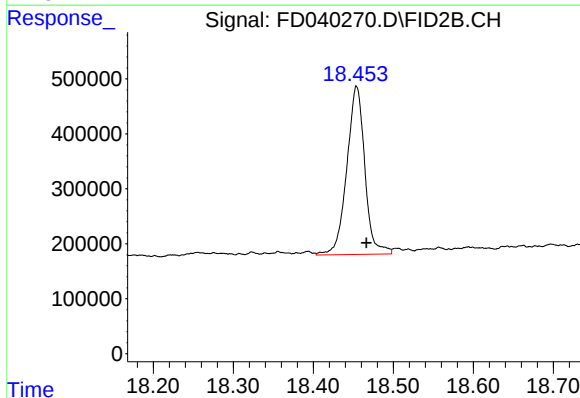
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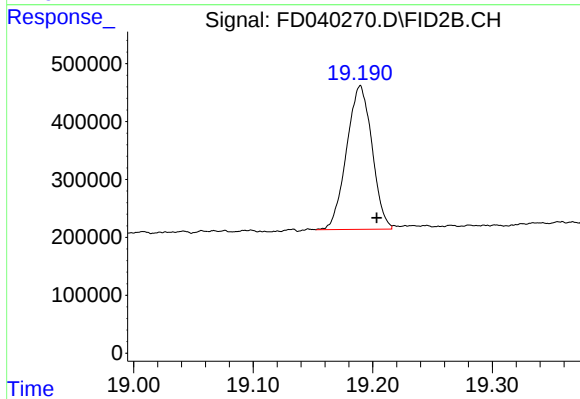
#18 n-Dotriacontane (C32)

R.T.: 17.674 min
Delta R.T.: -0.013 min
Response: 4879991
Conc: 37.70 ug/ml



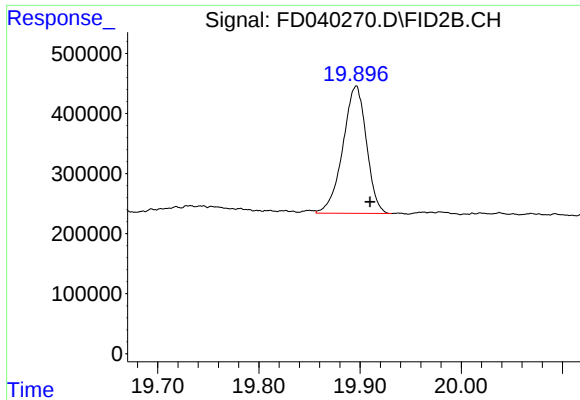
#19 n-Tetratriacontane (C34)

R.T.: 18.454 min
Delta R.T.: -0.012 min
Response: 4791774
Conc: 39.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.189 min
Delta R.T.: -0.014 min
Response: 3662881
Conc: 34.37 ug/ml m



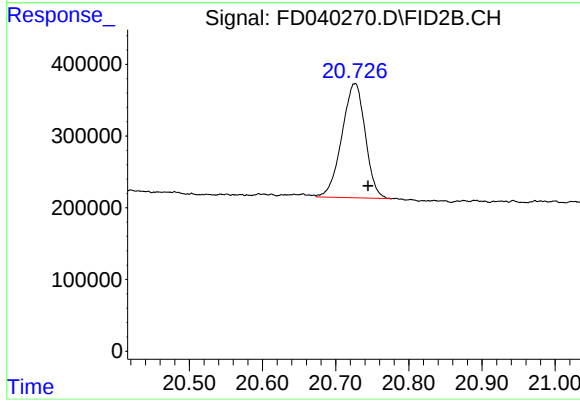
#21 n-Octatriacontane (C38)

R.T.: 19.896 min
Delta R.T.: -0.014 min
Response: 3428303
Conc: 37.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.726 min
Delta R.T.: -0.018 min
Response: 3527632
Conc: 45.30 ug/ml