

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100421AL\
 Data File : FD038996.D
 Signal(s) : FID2B.CH
 Acq On : 05 Oct 2021 2:19
 Operator : AJ\MA
 Sample : M4039-06MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-2AMSD

Manual Integrations
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 10/5/2021 12:18:45 PM

Integration File: autoint1.e
 Quant Time: Oct 05 04:34:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.679	4915963	34.637 ug/ml
Spiked Amount 50.000		Recovery =	69.27%
12) S 1-chlorooctadecane (S...	13.104	3908432	34.758 ug/ml
Spiked Amount 50.000		Recovery =	69.52%
Target Compounds			
1) T n-Nonane (C9)	3.442	4230888	33.542 ug/mlm
2) T n-Decane (C10)	4.510	4915778	38.516 ug/ml
3) T A~Naphthalene (C11.7)	6.100	5600173	39.327 ug/ml
4) T n-Dodecane (C12)	6.525	5346270	41.746 ug/ml
5) T A~2-methylnaphthalene...	7.155	5597572	39.101 ug/ml
6) T n-Tetradecane (C14)	8.319	5776676	44.518 ug/ml
7) T n-Hexadecane (C16)	9.916	6151622	47.166 ug/ml
8) T n-Octadecane (C18)	11.355	6493586	48.552 ug/ml
10) T n-Eicosane (C20)	12.661	6322470	47.672 ug/ml
11) T n-Heneicosane (C21)	13.271	6304119	47.079 ug/ml
13) T n-Docosane (C22)	13.855	6238601	47.031 ug/ml
14) T n-Tetracosane (C24)	14.952	12017080	90.694 ug/ml
15) T n-Hexacosane (C26)	15.972	6045128	46.965 ug/ml
16) T n-Octacosane (C28)	16.917	5927811	47.011 ug/ml
17) T n-Tricontane (C30)	17.800	5693678	46.681 ug/ml
18) T n-Dotriacontane (C32)	18.629	5531930	47.715 ug/ml
19) T n-Tetratriacontane (C34)	19.408	5080789	47.068 ug/ml
20) T n-Hexatriacontane (C36)	20.143	4583516	46.842 ug/ml
21) T n-Octatriacontane (C38)	20.883	4279651	47.672 ug/ml
22) T n-Tetracontane (C40)	21.810	4283505	48.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 73 Sample Multiplier: 1

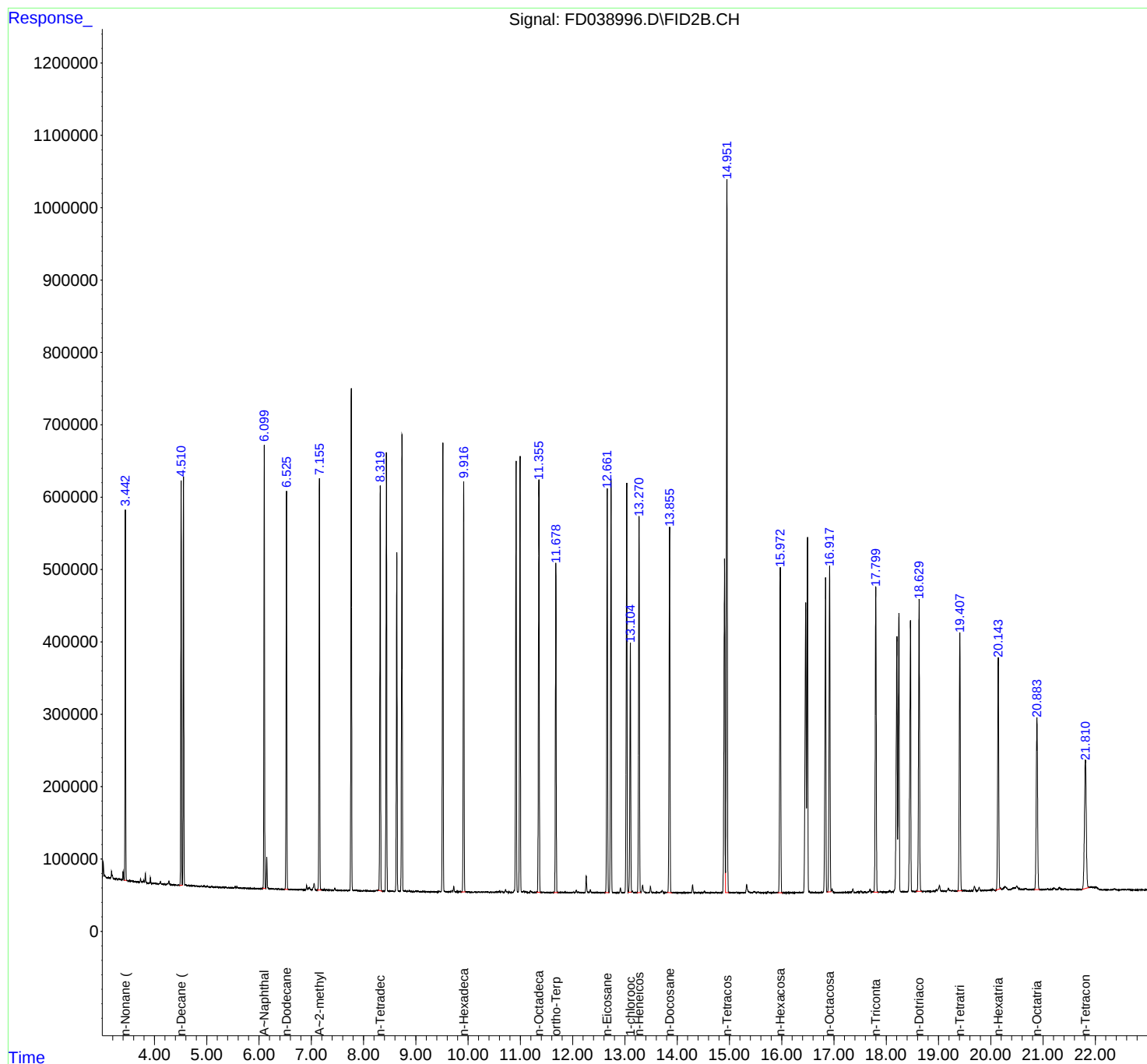
Instrument :
FID_D
ClientSampled :
TP-2AMSD

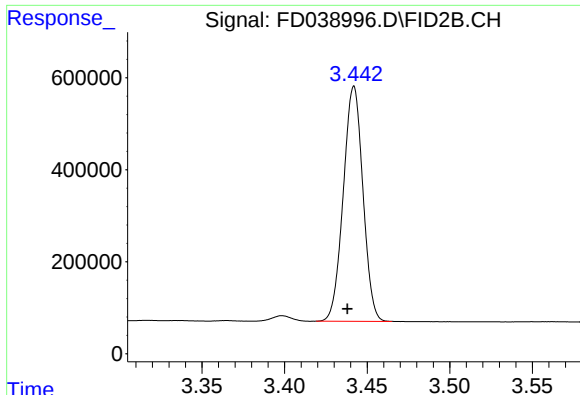
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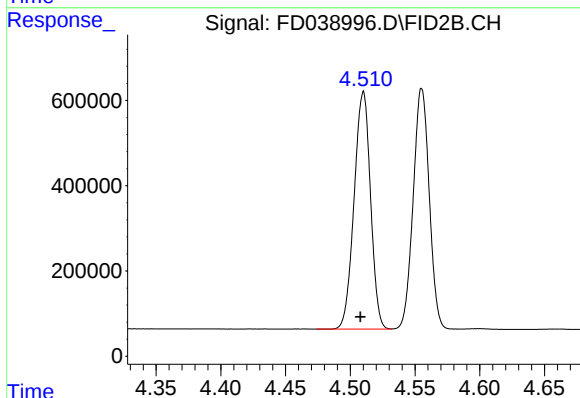
#1 n-Nonane (C9)

R.T.: 3.442 min
Delta R.T.: 0.004 min
Response: 4230888
Conc: 33.54 ug/ml m

Instrument :
FID_D
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TP-2AMSD

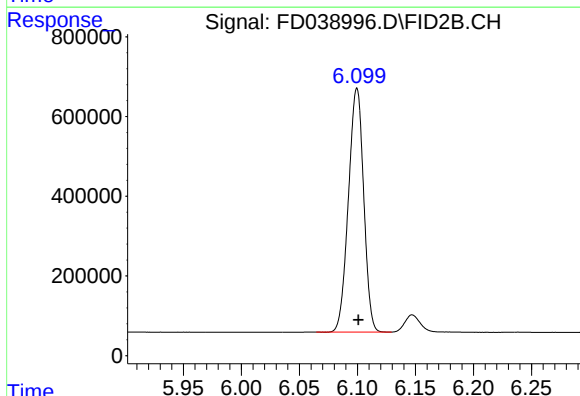
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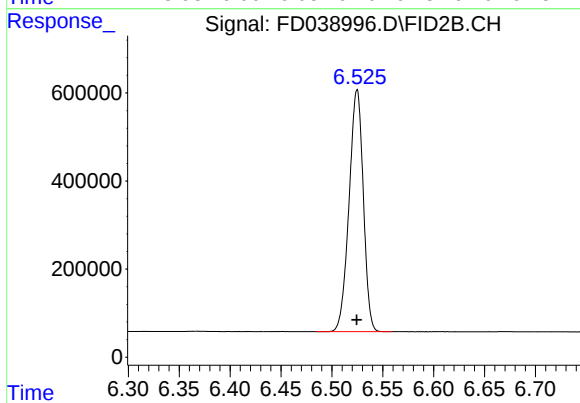
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.003 min
Response: 4915778
Conc: 38.52 ug/ml



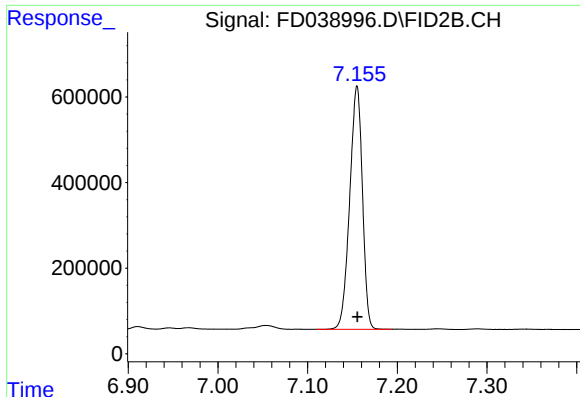
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 5600173
Conc: 39.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 5346270
Conc: 41.75 ug/ml



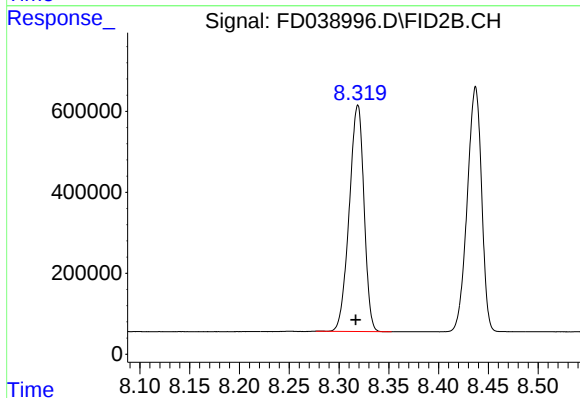
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 5597572
Conc: 39.10 ug/ml

Instrument :
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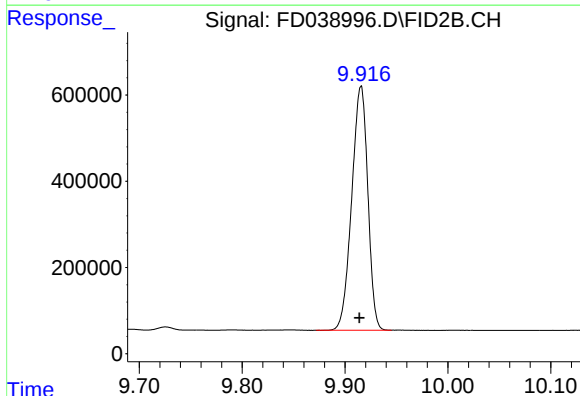
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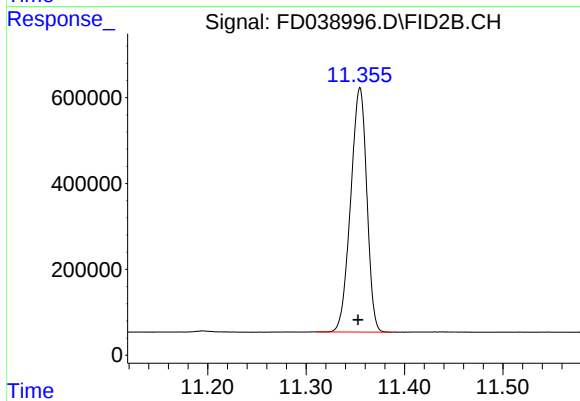
#6 n-Tetradecane (C14)

R.T.: 8.319 min
Delta R.T.: 0.002 min
Response: 5776676
Conc: 44.52 ug/ml



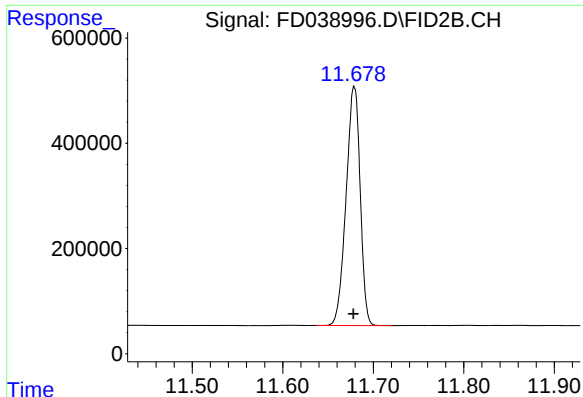
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.002 min
Response: 6151622
Conc: 47.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.002 min
Response: 6493586
Conc: 48.55 ug/ml



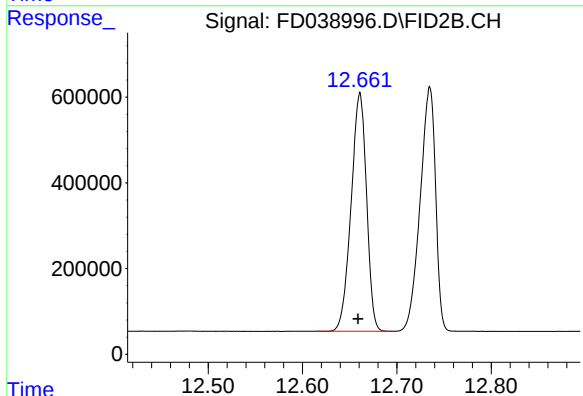
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 4915963
Conc: 34.64 ug/ml

Instrument :
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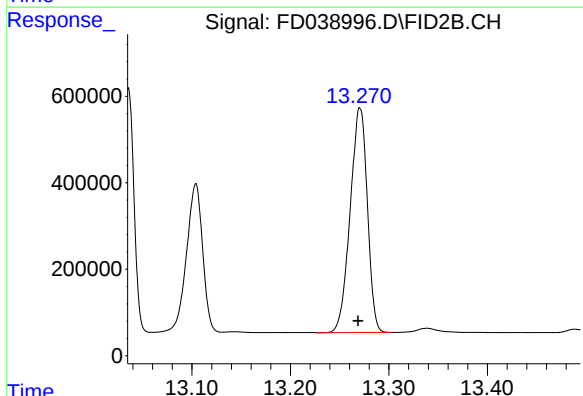
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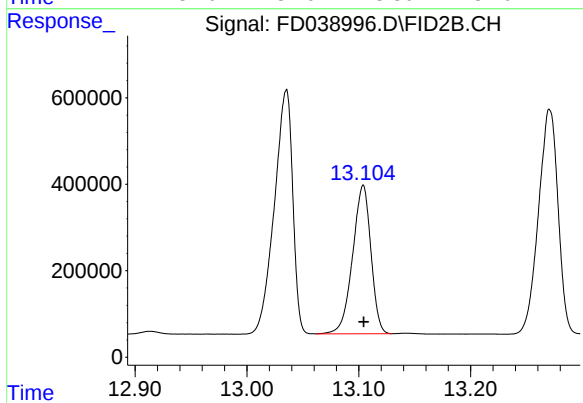
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 6322470
Conc: 47.67 ug/ml



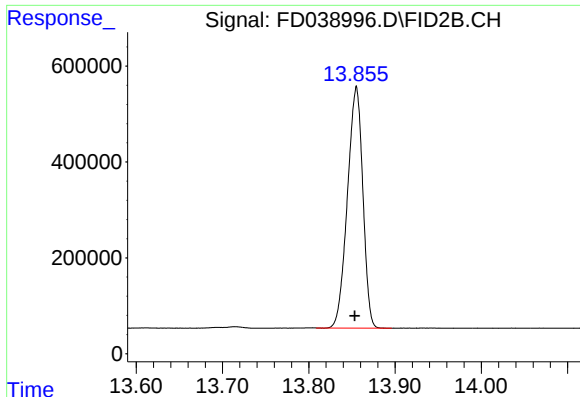
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 6304119
Conc: 47.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 3908432
Conc: 34.76 ug/ml



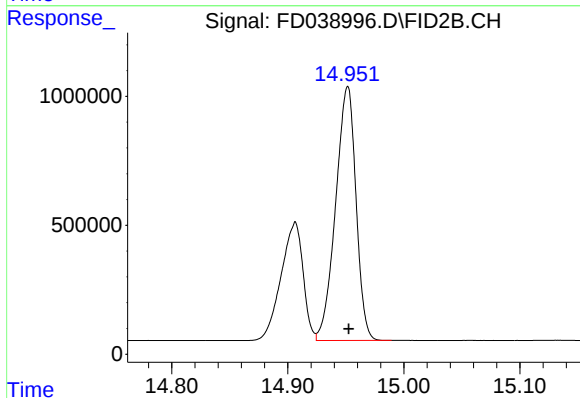
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: 0.002 min
Response: 6238601
Conc: 47.03 ug/ml

Instrument :
FID_D
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TP-2AMSD

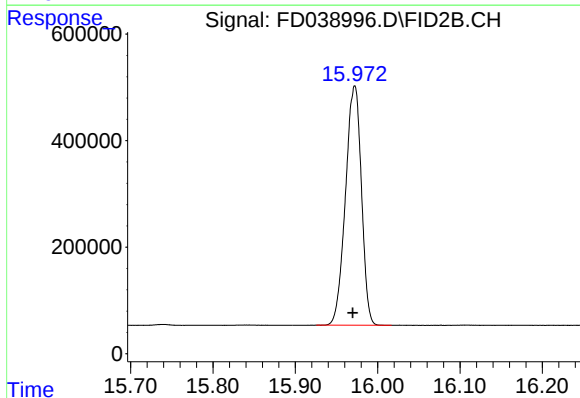
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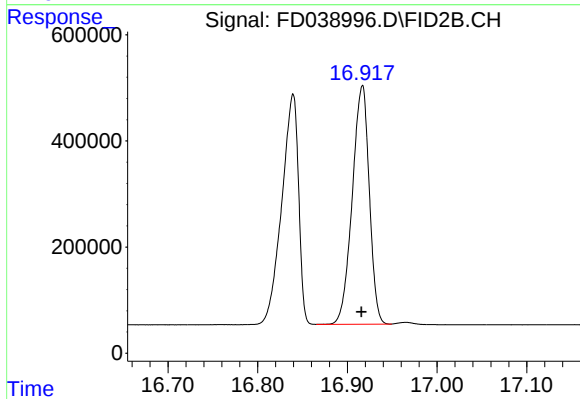
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: 0.000 min
Response: 12017080
Conc: 90.69 ug/ml



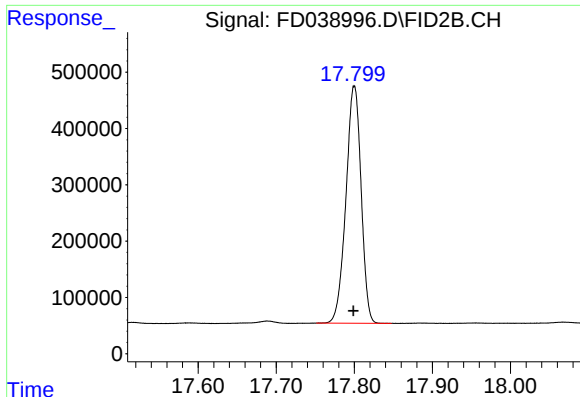
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.002 min
Response: 6045128
Conc: 46.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.917 min
Delta R.T.: 0.001 min
Response: 5927811
Conc: 47.01 ug/ml



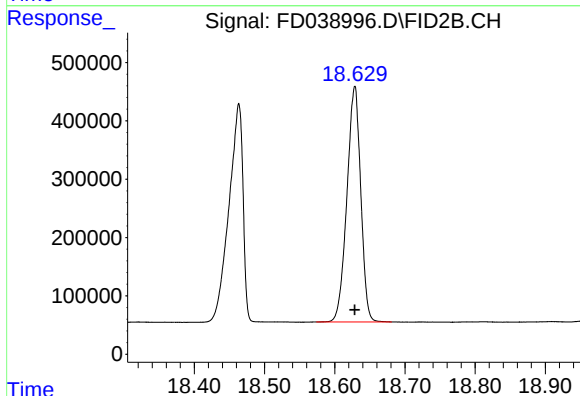
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.001 min
Response: 5693678
Conc: 46.68 ug/ml

Instrument :
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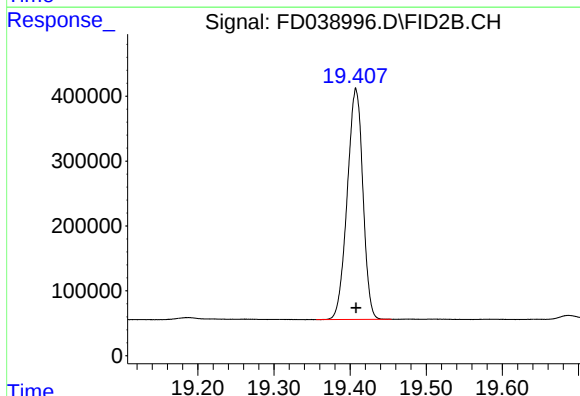
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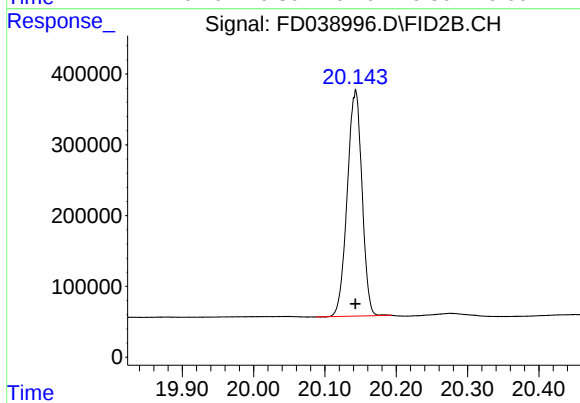
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 5531930
Conc: 47.71 ug/ml



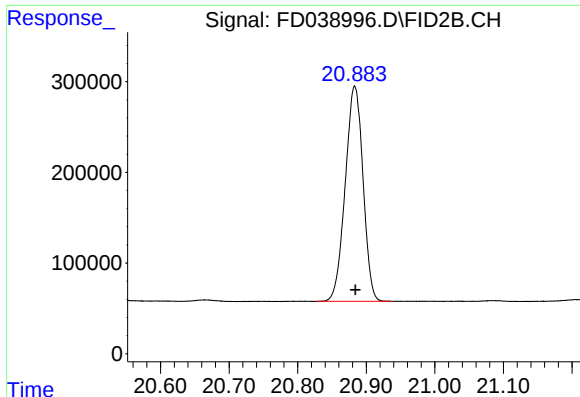
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: 0.000 min
Response: 5080789
Conc: 47.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 4583516
Conc: 46.84 ug/ml



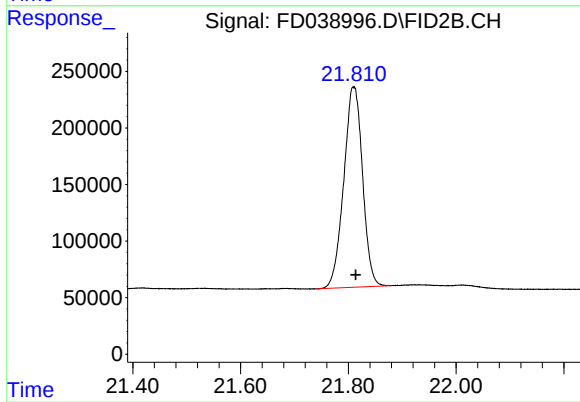
#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: -0.001 min
Response: 4279651
Conc: 47.67 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: -0.004 min
Response: 4283505
Conc: 48.63 ug/ml