

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033577.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 16:53
 Operator : DD\AJ
 Sample : L2182-07
 Misc : LOD-WATER-4 PPM
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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 5/22/2020 4:06:58 PM

Integration File: autoint1.e
 Quant Time: May 22 02:32:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 2020
 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			
12) S 1-chlorooctadecane (S...	12.901	5332951	47.961 ug/ml
Spiked Amount 50.000		Recovery =	95.92%
Target Compounds			
1) T n-Nonane (C9)	3.290	350898	3.056 ug/mlm
2) T n-Decane (C10)	4.348	453771	3.942 ug/mlm
4) T n-Dodecane (C12)	6.350	634296	5.324 ug/ml
6) T n-Tetradecane (C14)	8.132	550815	4.563 ug/ml
7) T n-Hexadecane (C16)	9.721	570604	4.778 ug/mlm
8) T n-Octadecane (C18)	11.153	615993	4.857 ug/mlm
10) T n-Eicosane (C20)	12.455	608732	4.717 ug/ml
11) T n-Heneicosane (C21)	13.064	605160	4.697 ug/ml
13) T n-Docosane (C22)	13.647	635468	4.952 ug/ml
14) T n-Tetracosane (C24)	14.744	621364	4.883 ug/ml
15) T n-Hexacosane (C26)	15.759	596885	4.762 ug/ml
16) T n-Octacosane (C28)	16.703	618282	4.974 ug/ml
17) T n-Tricontane (C30)	17.586	650698	5.407 ug/ml
18) T n-Dotriacontane (C32)	18.413	630199	5.755 ug/ml
19) T n-Tetratriacontane (C34)	19.192	580729	5.666 ug/ml
20) T n-Hexatriacontane (C36)	19.927	517209	5.402 ug/ml
21) T n-Octatriacontane (C38)	20.635	483861	5.399 ug/ml
22) T n-Tetracontane (C40)	21.478	469753	5.290 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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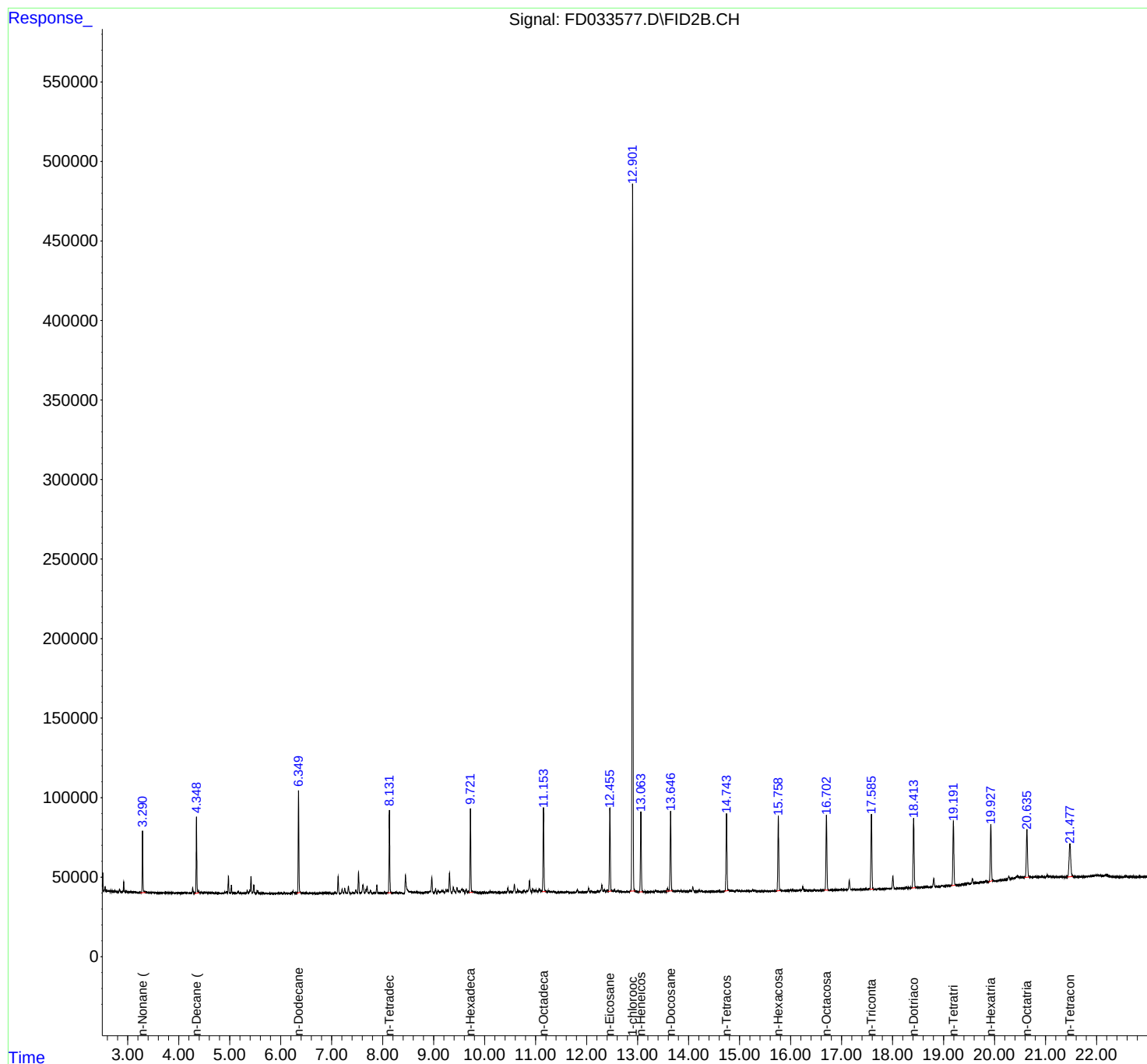
Instrument :
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LOD-MDL-WATER-01-QT2-2020

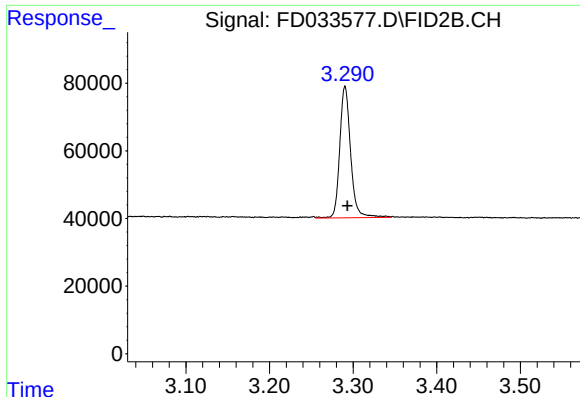
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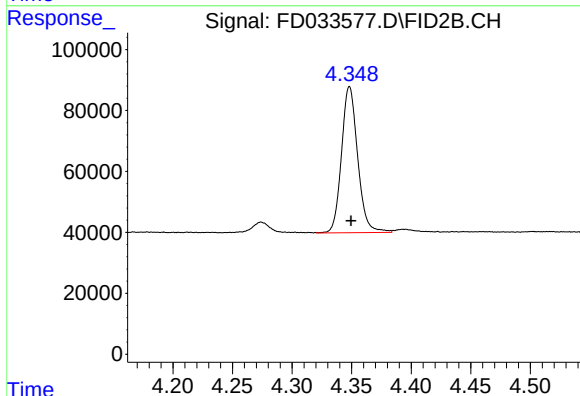
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.003 min
Response: 350898
Conc: 3.06 ug/ml m

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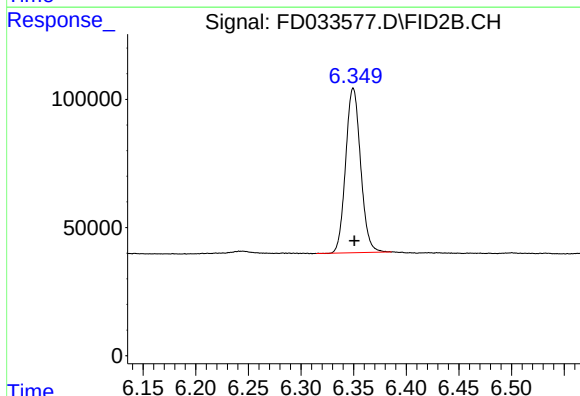
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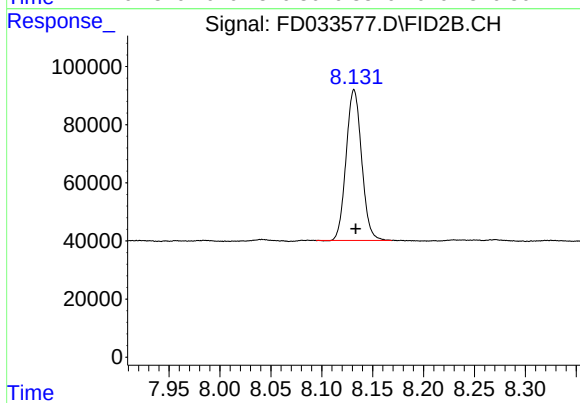
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.002 min
Response: 453771
Conc: 3.94 ug/ml m



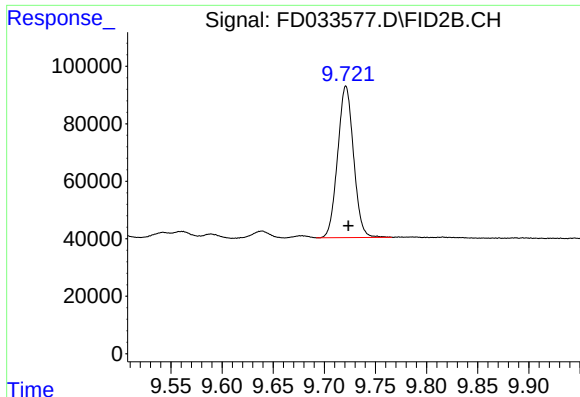
#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: -0.001 min
Response: 634296
Conc: 5.32 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.002 min
Response: 550815
Conc: 4.56 ug/ml



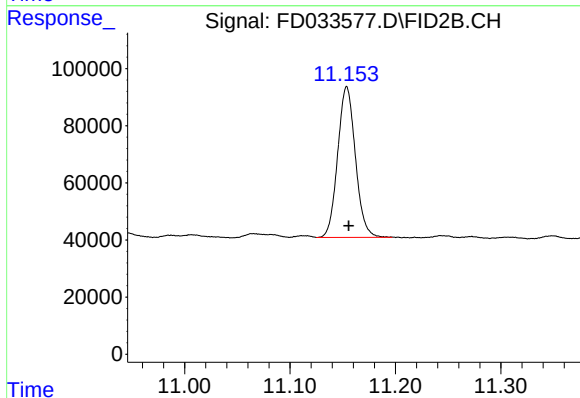
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: -0.003 min
Response: 570604
Conc: 4.78 ug/ml m

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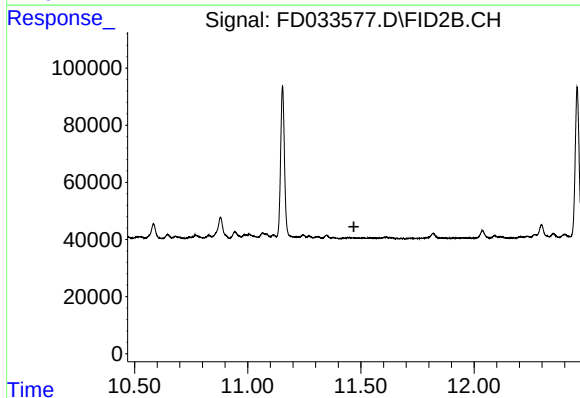
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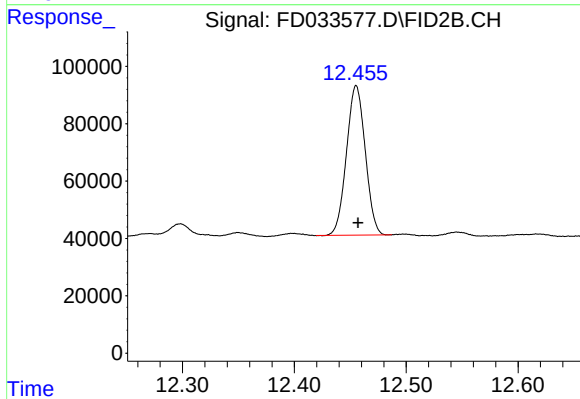
#8 n-Octadecane (C18)

R.T.: 11.153 min
Delta R.T.: -0.002 min
Response: 615993
Conc: 4.86 ug/ml m



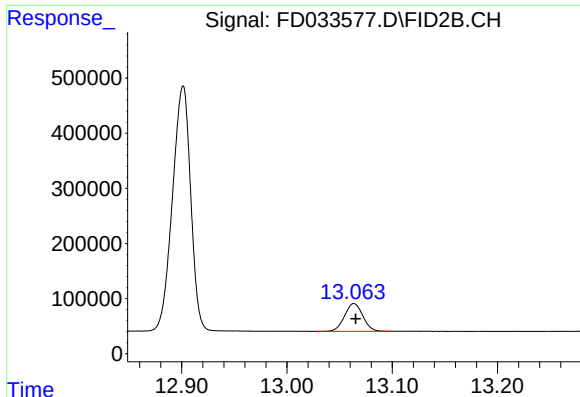
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.469 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.002 min
Response: 608732
Conc: 4.72 ug/ml



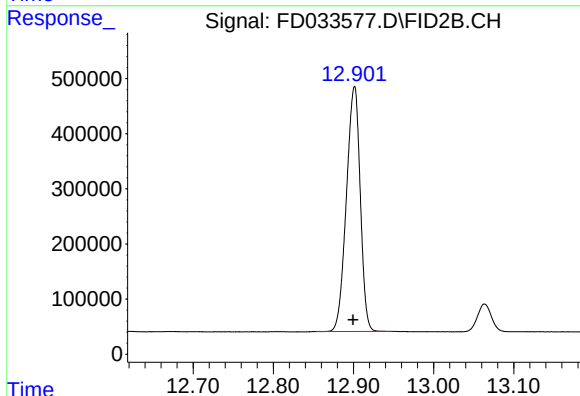
#11 n-Heneicosane (C21)

R.T.: 13.064 min
Delta R.T.: -0.002 min
Response: 605160
Conc: 4.70 ug/ml

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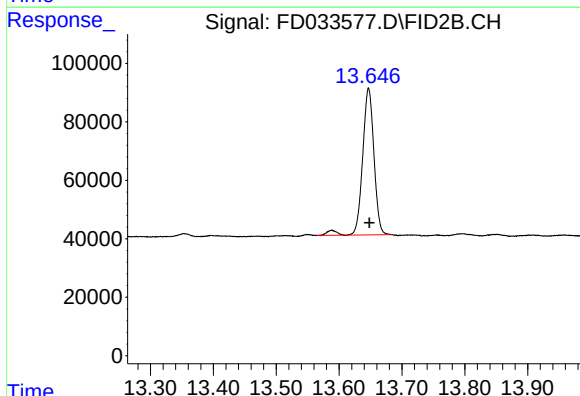
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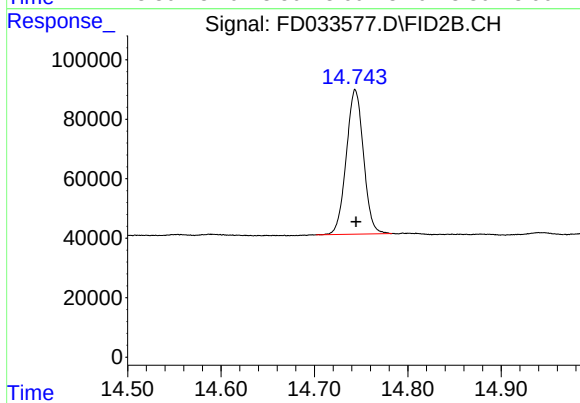
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: 0.002 min
Response: 5332951
Conc: 47.96 ug/ml



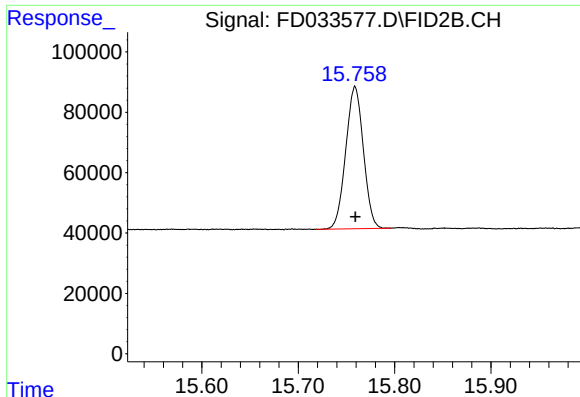
#13 n-Docosane (C22)

R.T.: 13.647 min
Delta R.T.: -0.001 min
Response: 635468
Conc: 4.95 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: 0.000 min
Response: 621364
Conc: 4.88 ug/ml



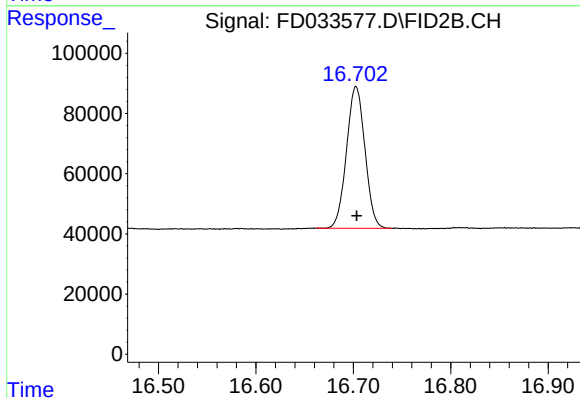
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: 0.000 min
Response: 596885
Conc: 4.76 ug/ml

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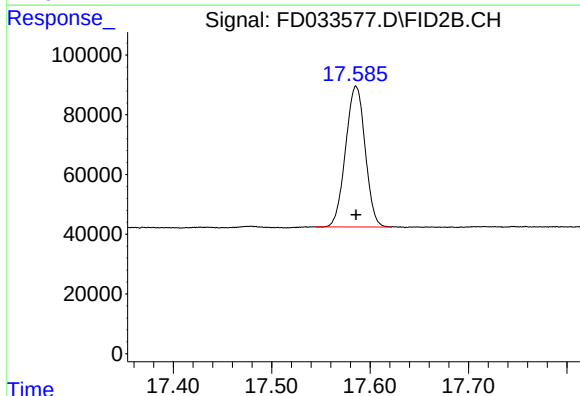
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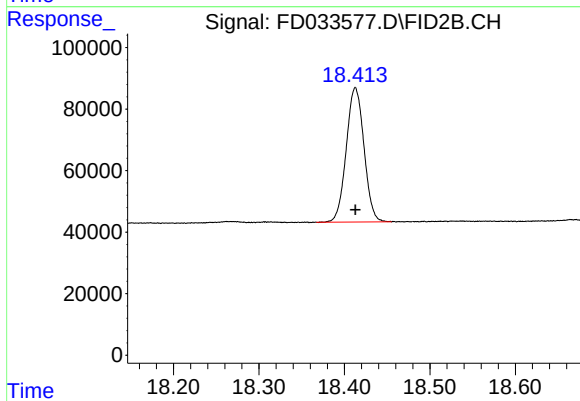
#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: 0.000 min
Response: 618282
Conc: 4.97 ug/ml



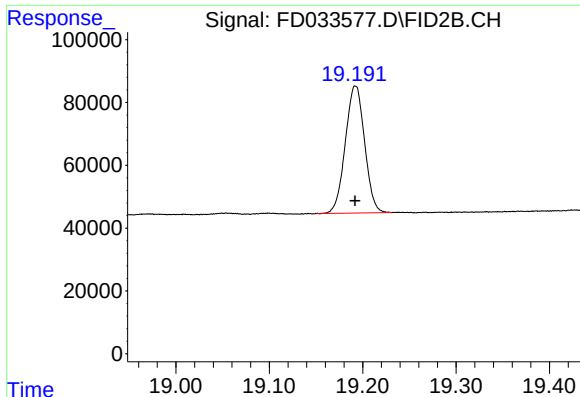
#17 n-Tricontane (C30)

R.T.: 17.586 min
Delta R.T.: 0.000 min
Response: 650698
Conc: 5.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: 0.000 min
Response: 630199
Conc: 5.75 ug/ml



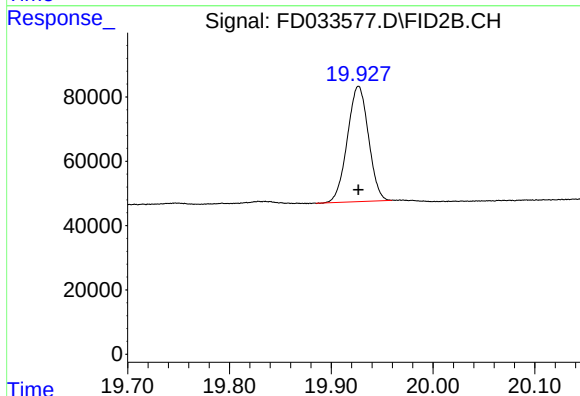
#19 n-Tetratriacontane (C34)

R.T.: 19.192 min
Delta R.T.: 0.000 min
Response: 580729
Conc: 5.67 ug/ml

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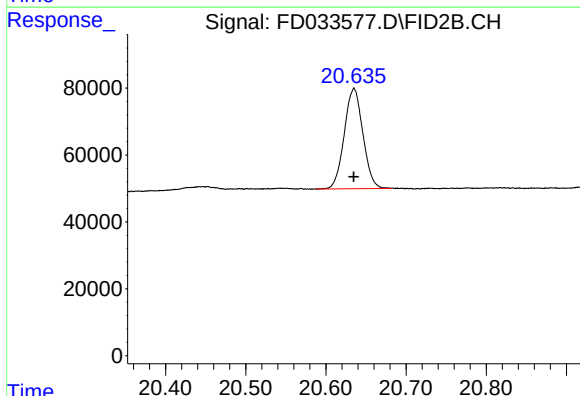
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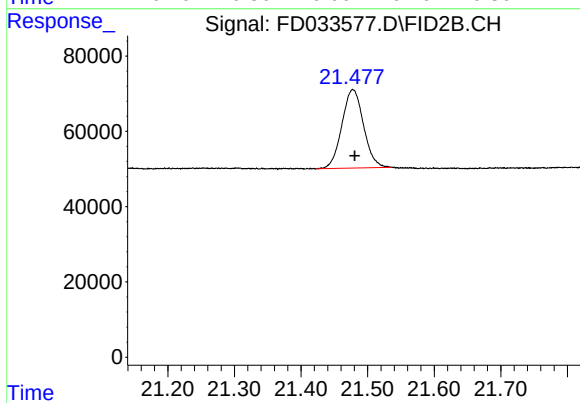
#20 n-Hexatriacontane (C36)

R.T.: 19.927 min
Delta R.T.: 0.000 min
Response: 517209
Conc: 5.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.000 min
Response: 483861
Conc: 5.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.478 min
Delta R.T.: -0.003 min
Response: 469753
Conc: 5.29 ug/ml