

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033576.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 16:14
 Operator : DD\AJ
 Sample : L2182-07
 Misc : LOD-WATER-2.5 PPM
 ALS Vial : 64 Sample Multiplier: 1

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

Manual Integrations
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 5/22/2020 4:06:56 PM

Integration File: autoint1.e
 Quant Time: May 22 02:32:27 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...	12.899	3868576	34.791 ug/ml
Spiked Amount 50.000		Recovery =	69.58%
Target Compounds			
1) T n-Nonane (C9)	3.291	137026	1.193 ug/ml
2) T n-Decane (C10)	4.348	177627	1.543 ug/ml
4) T n-Dodecane (C12)	6.350	283271	2.378 ug/ml
6) T n-Tetradecane (C14)	8.133	226219	1.874 ug/ml
7) T n-Hexadecane (C16)	9.722	214420	1.796 ug/ml
8) T n-Octadecane (C18)	11.154	236575	1.866 ug/ml
10) T n-Eicosane (C20)	12.455	250159	1.939 ug/ml
11) T n-Heneicosane (C21)	13.063	243817	1.892 ug/ml
13) T n-Docosane (C22)	13.646	258627	2.015 ug/ml
14) T n-Tetracosane (C24)	14.743	257174	2.021 ug/ml
15) T n-Hexacosane (C26)	15.758	257171	2.052 ug/ml
16) T n-Octacosane (C28)	16.703	271843	2.187 ug/ml
17) T n-Tricontane (C30)	17.585	287267	2.387 ug/ml
18) T n-Dotriacontane (C32)	18.413	271795	2.482 ug/ml
19) T n-Tetratriacontane (C34)	19.192	239869	2.340 ug/ml
20) T n-Hexatriacontane (C36)	19.926	209781	2.191 ug/ml
21) T n-Octatriacontane (C38)	20.635	196961	2.198 ug/mlm
22) T n-Tetracontane (C40)	21.476	199813	2.250 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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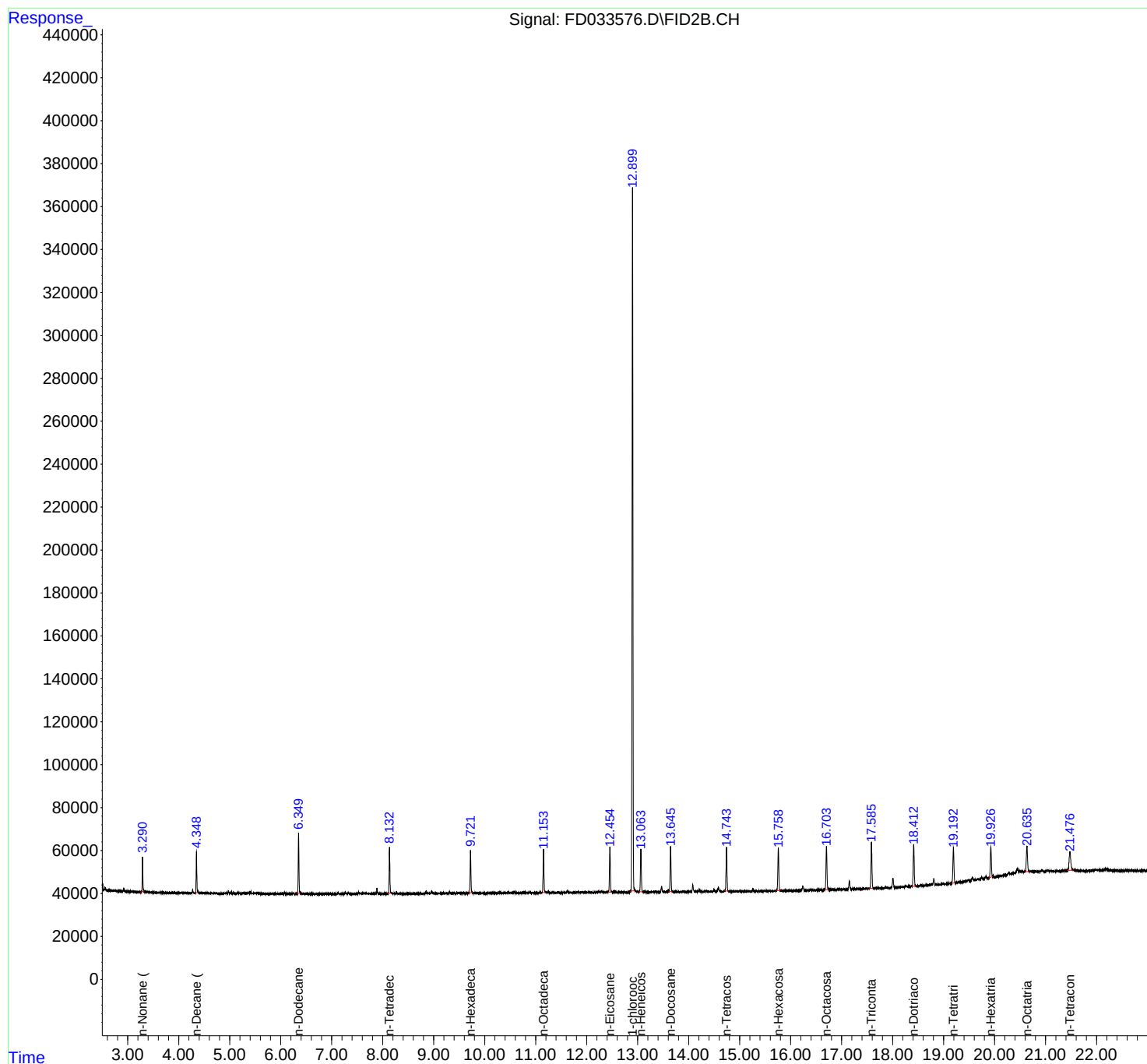
Instrument :
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LOD-MDL-WATER-01-QT2-2020

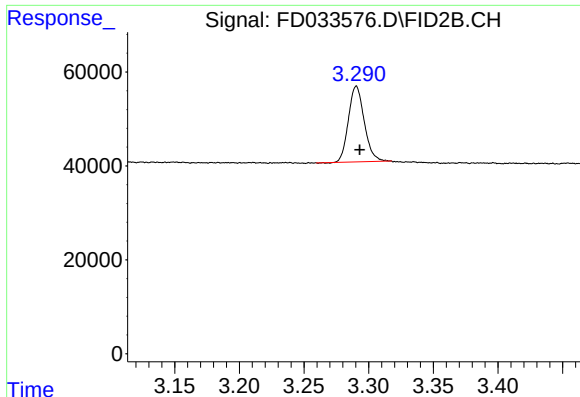
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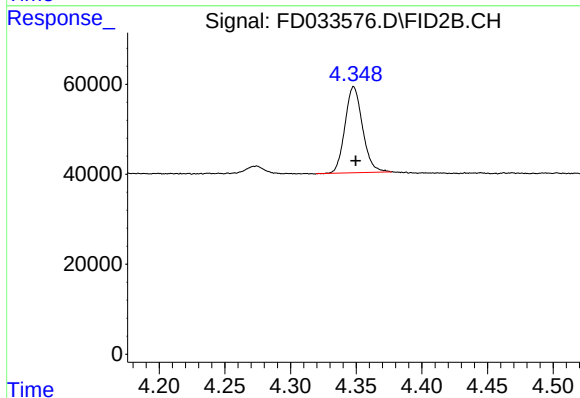
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 137026
Conc: 1.19 ug/ml

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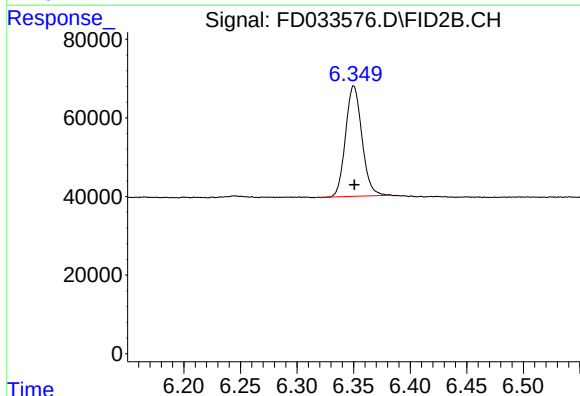
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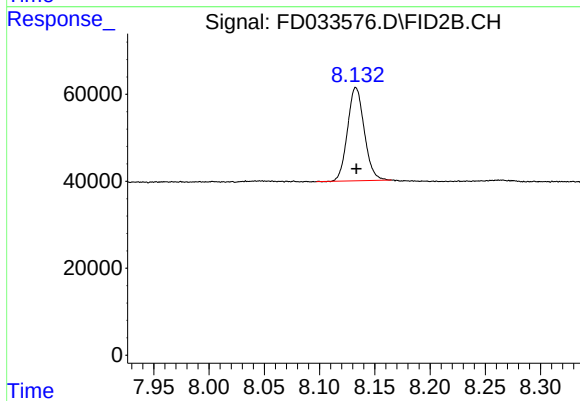
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.001 min
Response: 177627
Conc: 1.54 ug/ml



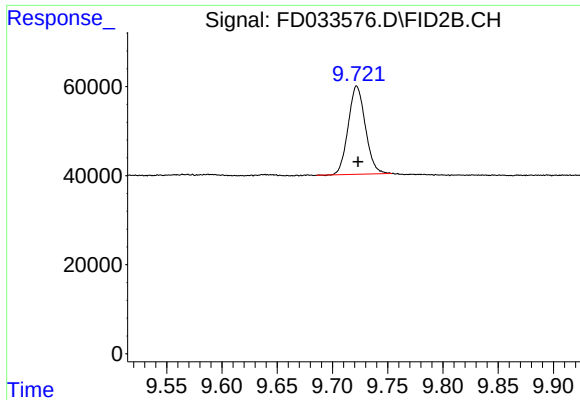
#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 283271
Conc: 2.38 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 226219
Conc: 1.87 ug/ml



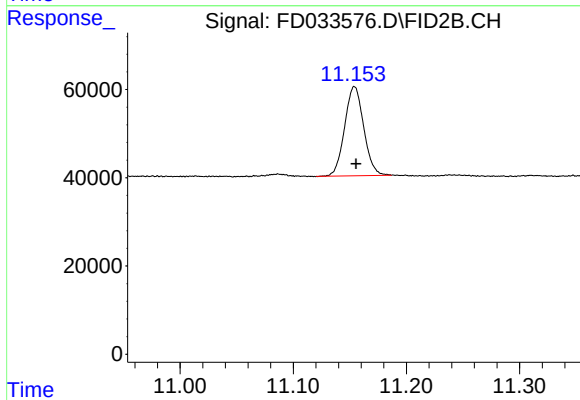
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.001 min
Response: 214420
Conc: 1.80 ug/ml

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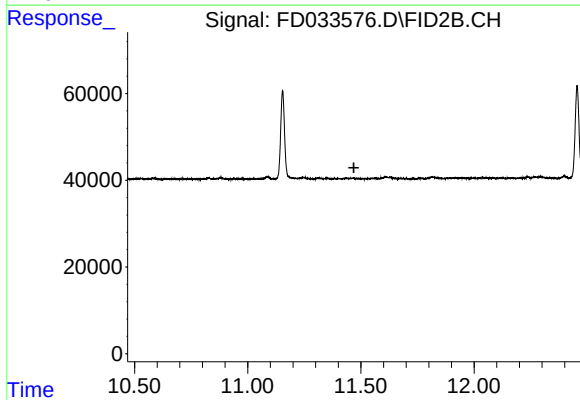
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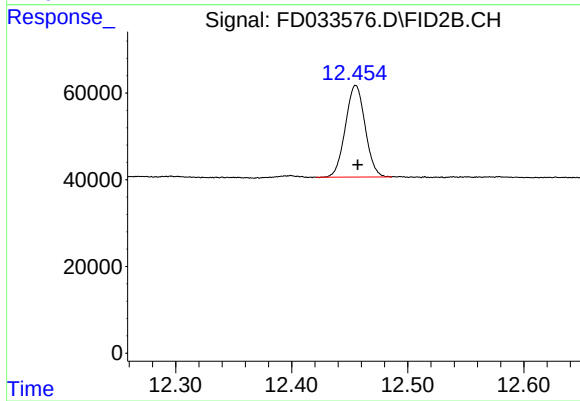
#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.001 min
Response: 236575
Conc: 1.87 ug/ml



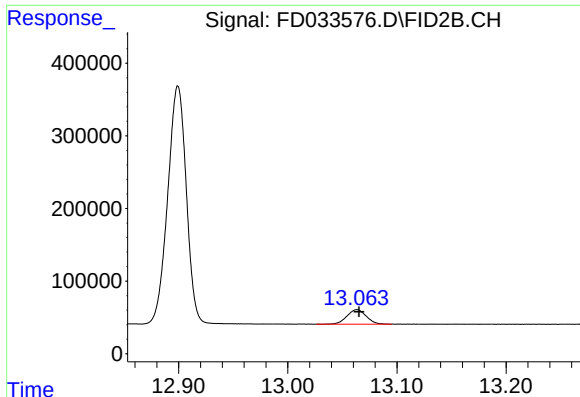
#9 ortho-Terphenyl (SURR)

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: 250159
Conc: 1.94 ug/ml



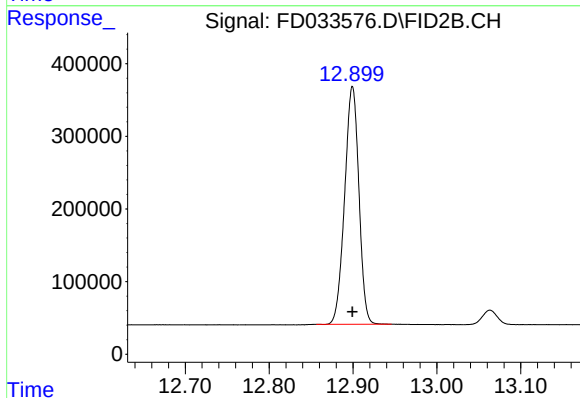
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.002 min
Response: 243817
Conc: 1.89 ug/ml

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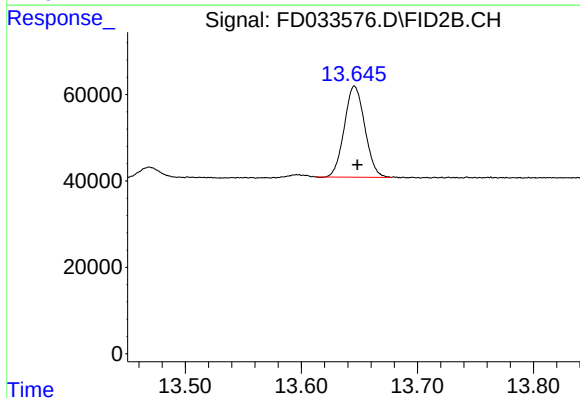
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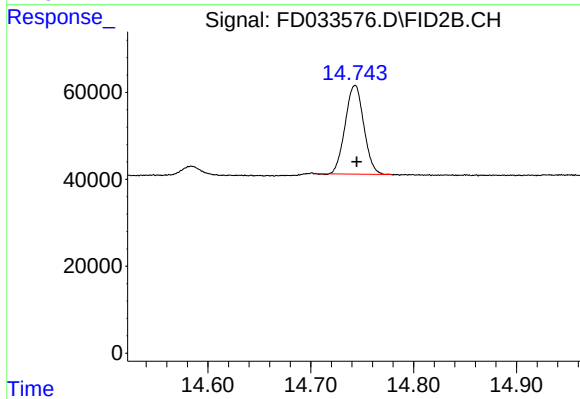
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 3868576
Conc: 34.79 ug/ml



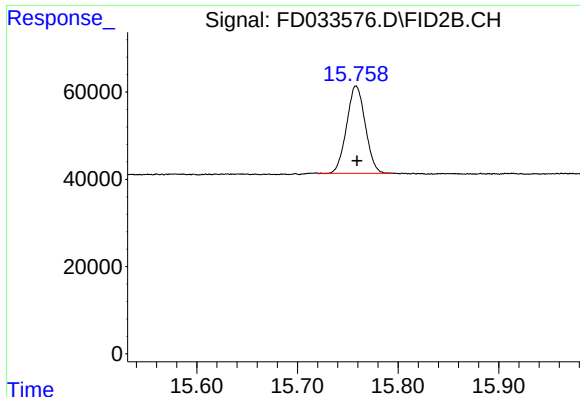
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.003 min
Response: 258627
Conc: 2.02 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.002 min
Response: 257174
Conc: 2.02 ug/ml



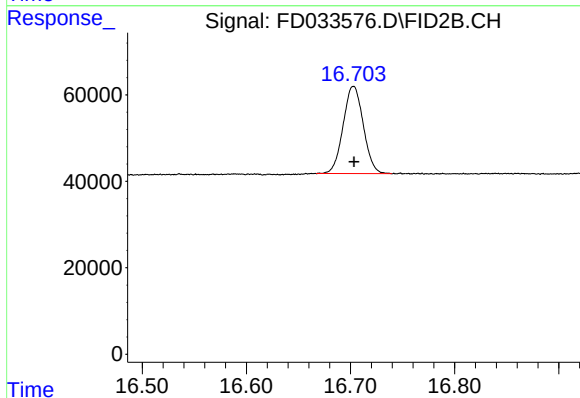
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: 0.000 min
Response: 257171
Conc: 2.05 ug/ml

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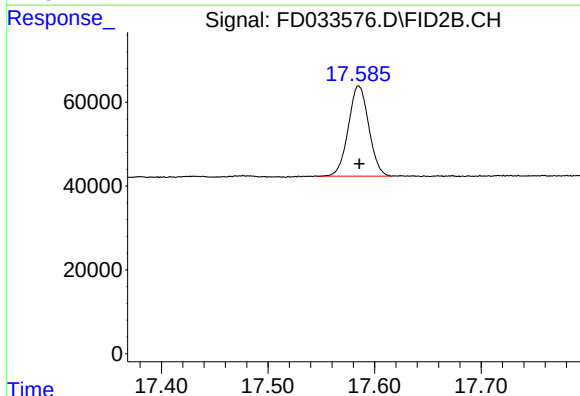
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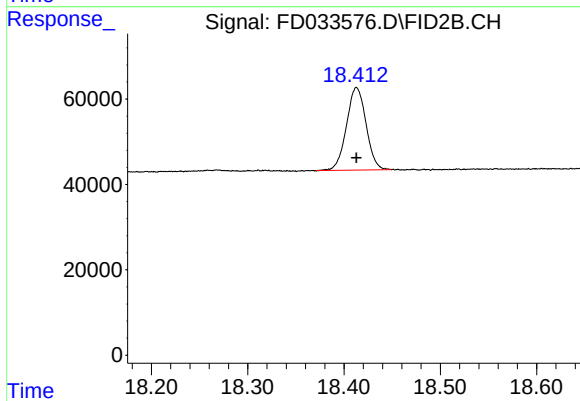
#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: 0.000 min
Response: 271843
Conc: 2.19 ug/ml



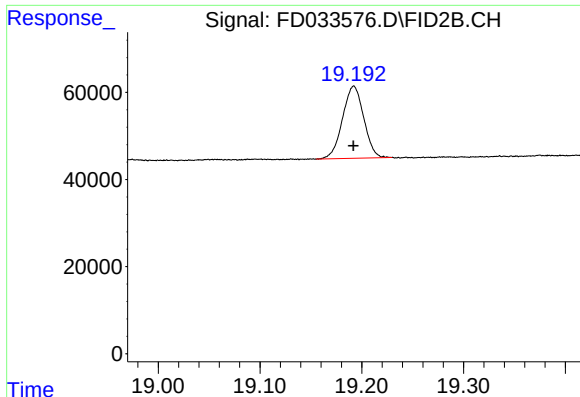
#17 n-Tricontane (C30)

R.T.: 17.585 min
Delta R.T.: 0.000 min
Response: 287267
Conc: 2.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: 0.000 min
Response: 271795
Conc: 2.48 ug/ml



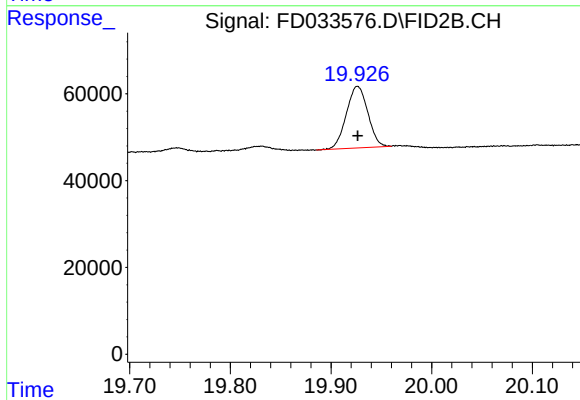
#19 n-Tetratriacontane (C34)

R.T.: 19.192 min
Delta R.T.: 0.000 min
Response: 239869
Conc: 2.34 ug/ml

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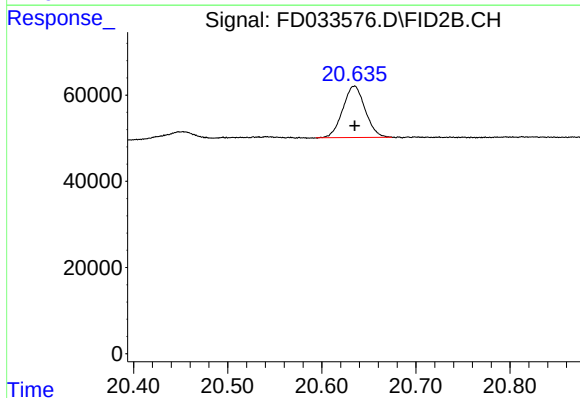
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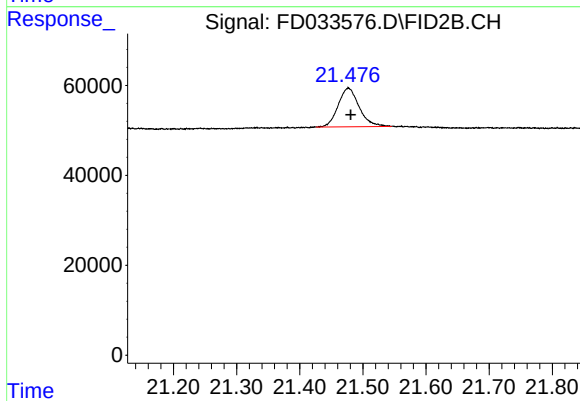
#20 n-Hexatriacontane (C36)

R.T.: 19.926 min
Delta R.T.: 0.000 min
Response: 209781
Conc: 2.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.000 min
Response: 196961
Conc: 2.20 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.476 min
Delta R.T.: -0.004 min
Response: 199813
Conc: 2.25 ug/ml m