

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033573.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 14:19
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL-2.5 PPM
 ALS Vial : 61 Sample Multiplier: 1

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

Manual Integrations
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 5/22/2020 4:06:44 PM

Integration File: autoint1.e
 Quant Time: May 22 02:31:47 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...	12.900	1778103	15.991 ug/ml
Spiked Amount 50.000		Recovery =	31.98%
Target Compounds			
1) T n-Nonane (C9)	3.292	140022	1.220 ug/ml
2) T n-Decane (C10)	4.349	178582	1.551 ug/ml
4) T n-Dodecane (C12)	6.351	283380	2.378 ug/ml
6) T n-Tetradecane (C14)	8.133	227627	1.886 ug/ml
7) T n-Hexadecane (C16)	9.723	215181	1.802 ug/ml
8) T n-Octadecane (C18)	11.156	233204	1.839 ug/ml
10) T n-Eicosane (C20)	12.457	248183	1.923 ug/ml
11) T n-Heneicosane (C21)	13.065	243414	1.889 ug/ml
13) T n-Docosane (C22)	13.648	256033	1.995 ug/ml
14) T n-Tetracosane (C24)	14.744	253074	1.989 ug/ml
15) T n-Hexacosane (C26)	15.759	243898	1.946 ug/ml
16) T n-Octacosane (C28)	16.703	253418	2.039 ug/ml
17) T n-Tricontane (C30)	17.584	261968	2.177 ug/ml
18) T n-Dotriacontane (C32)	18.411	242663	2.216 ug/ml
19) T n-Tetratriacontane (C34)	19.190	220505	2.152 ug/ml
20) T n-Hexatriacontane (C36)	19.925	197336	2.061 ug/ml
21) T n-Octatriacontane (C38)	20.633	215493	2.405 ug/mlm
22) T n-Tetracontane (C40)	21.478	205659	2.316 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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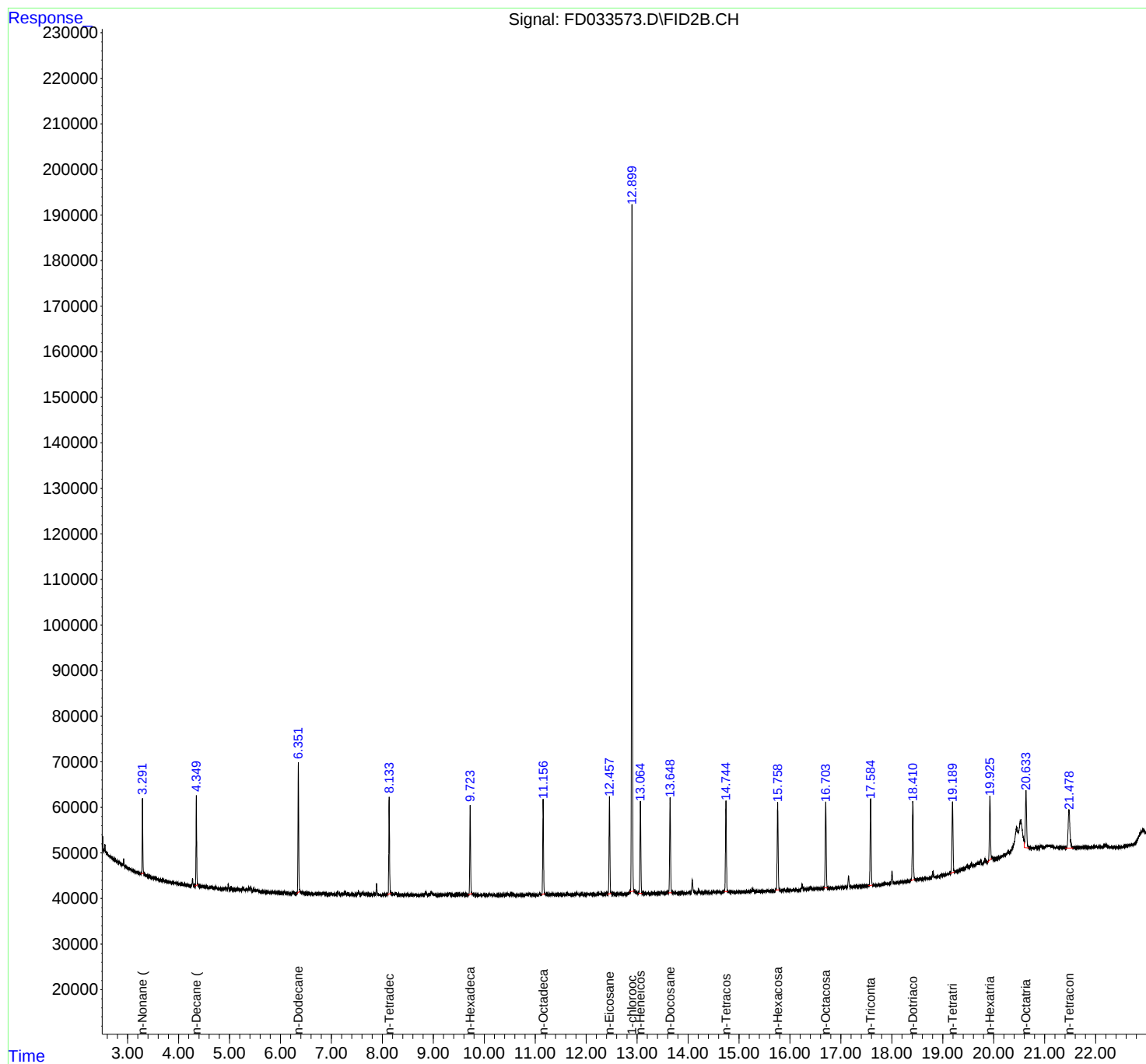
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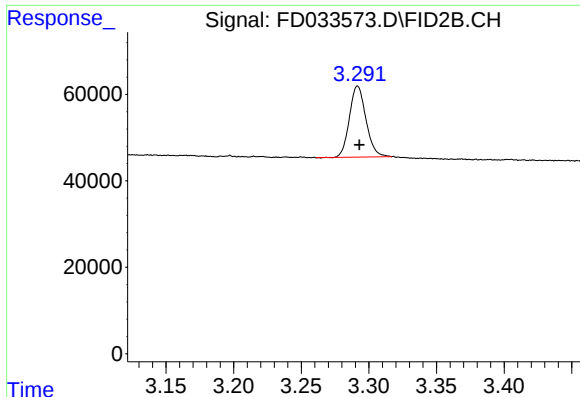
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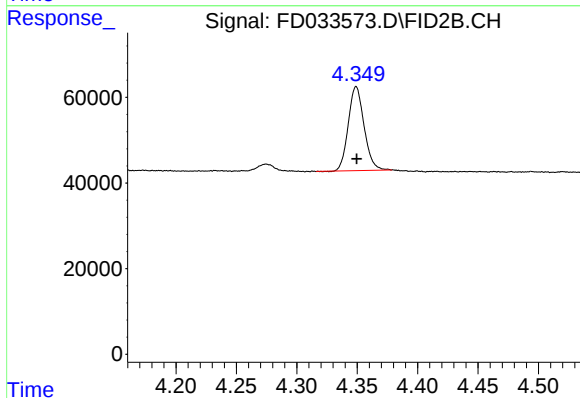
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.001 min
Response: 140022
Conc: 1.22 ug/ml

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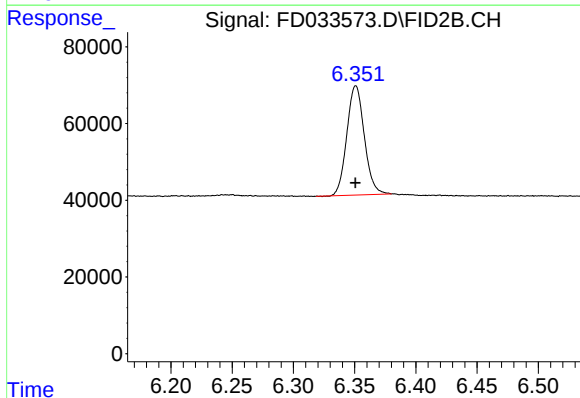
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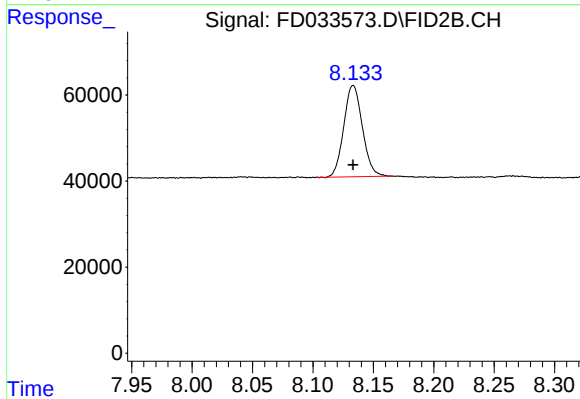
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 178582
Conc: 1.55 ug/ml



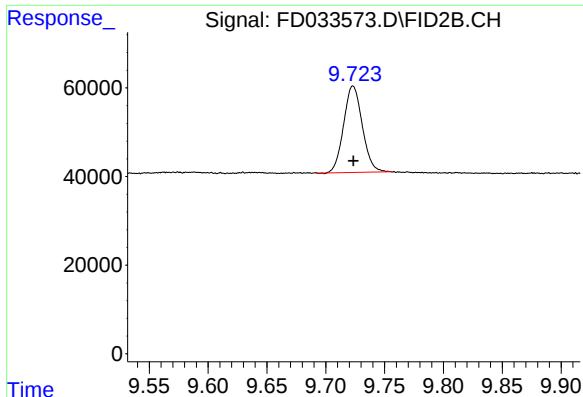
#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 283380
Conc: 2.38 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 227627
Conc: 1.89 ug/ml



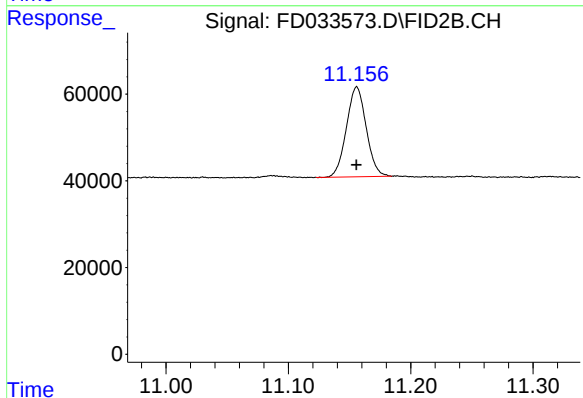
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 215181
Conc: 1.80 ug/ml

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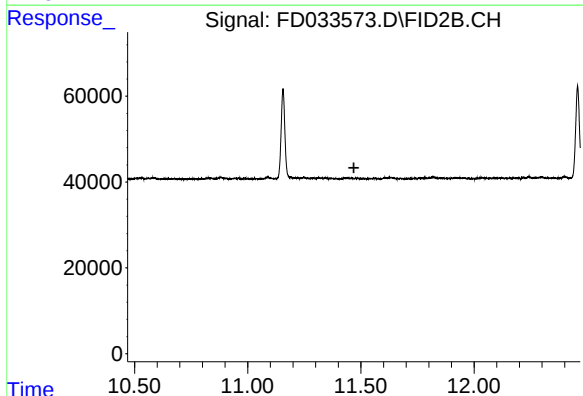
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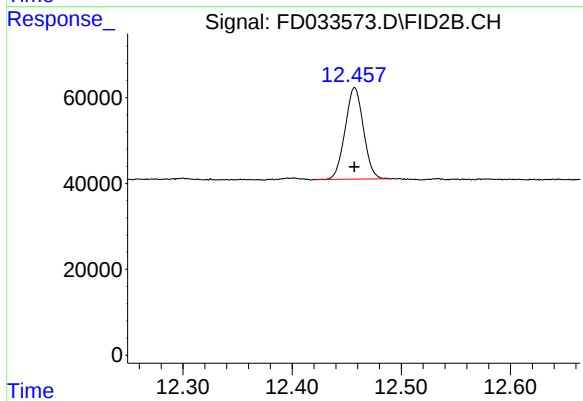
#8 n-Octadecane (C18)

R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 233204
Conc: 1.84 ug/ml



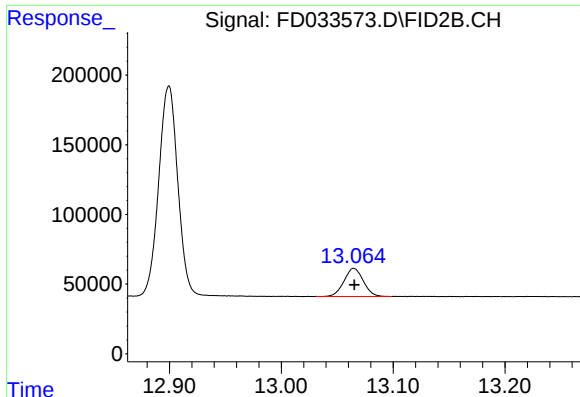
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 248183
Conc: 1.92 ug/ml



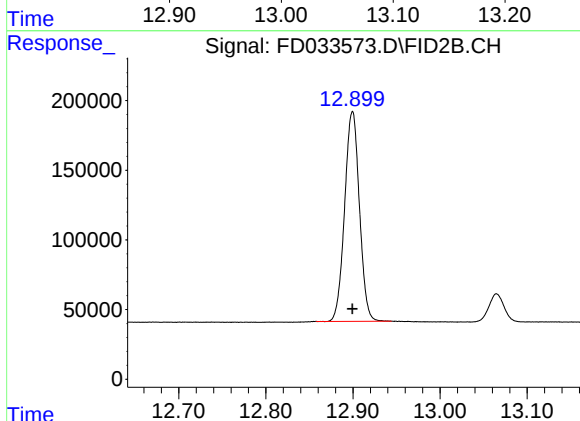
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 243414
Conc: 1.89 ug/ml

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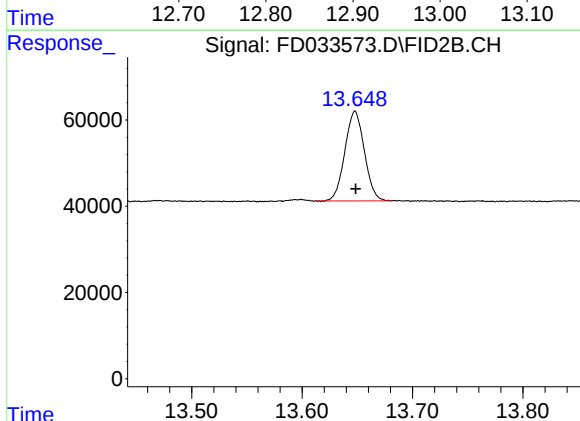
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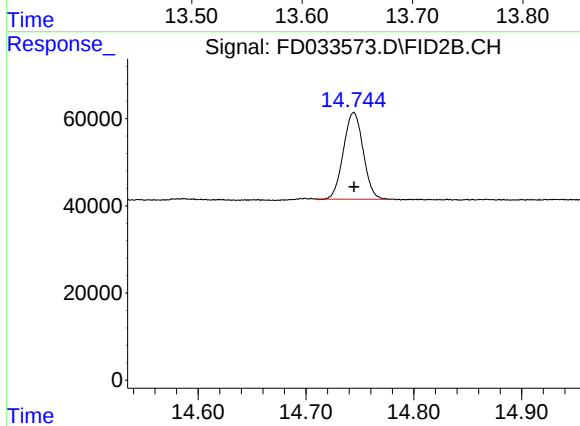
#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 1778103
Conc: 15.99 ug/ml



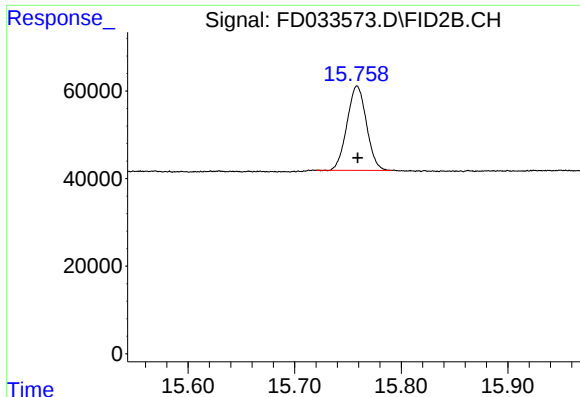
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 256033
Conc: 1.99 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: 0.000 min
Response: 253074
Conc: 1.99 ug/ml



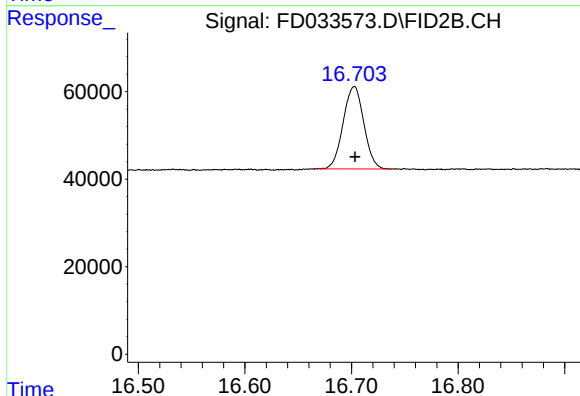
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: 0.000 min
Response: 243898
Conc: 1.95 ug/ml

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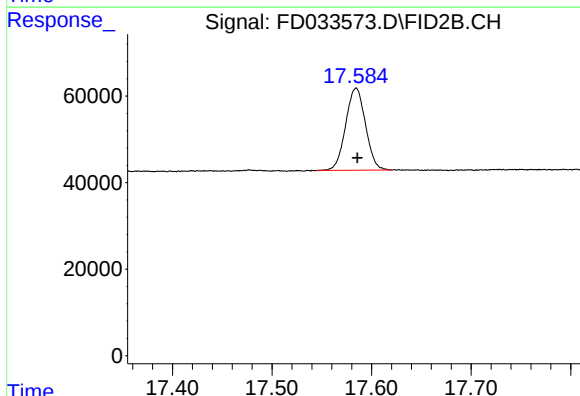
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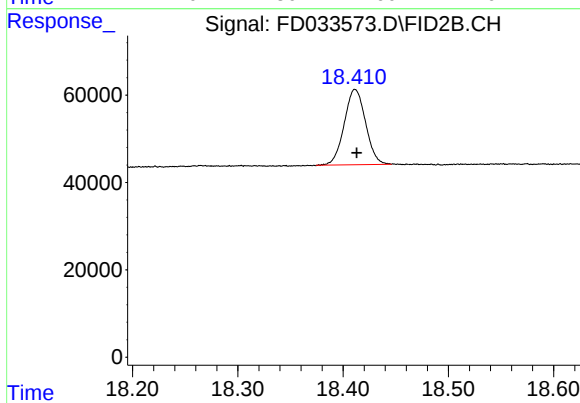
#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: 0.000 min
Response: 253418
Conc: 2.04 ug/ml



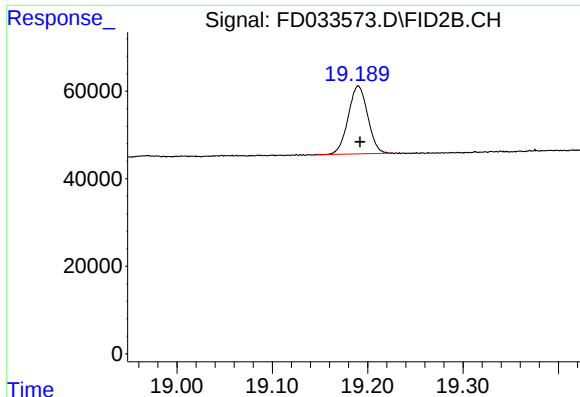
#17 n-Tricontane (C30)

R.T.: 17.584 min
Delta R.T.: -0.001 min
Response: 261968
Conc: 2.18 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: -0.001 min
Response: 242663
Conc: 2.22 ug/ml



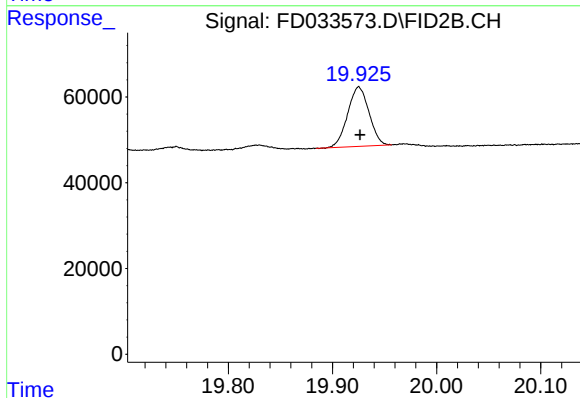
#19 n-Tetratriacontane (C34)

R.T.: 19.190 min
Delta R.T.: -0.002 min
Response: 220505
Conc: 2.15 ug/ml

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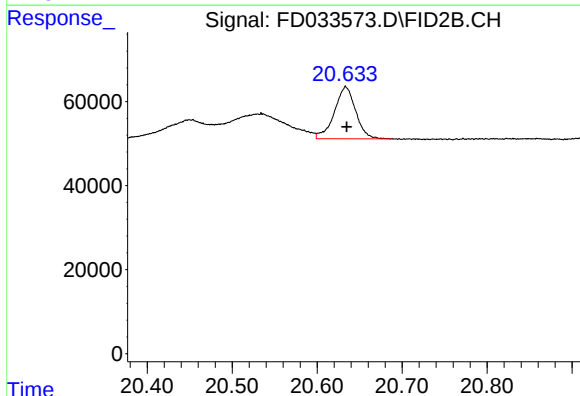
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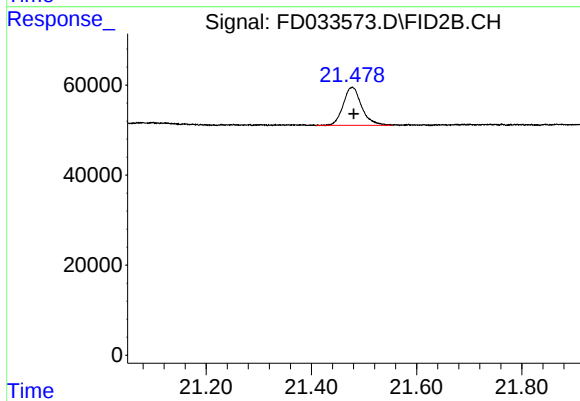
#20 n-Hexatriacontane (C36)

R.T.: 19.925 min
Delta R.T.: -0.001 min
Response: 197336
Conc: 2.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: -0.002 min
Response: 215493
Conc: 2.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.478 min
Delta R.T.: -0.002 min
Response: 205659
Conc: 2.32 ug/ml m