

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035951.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 12:52
 Operator : YP\AJ
 Sample : N1645-07
 Misc : 4 PPM SOIL LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: sample.E
 Quant Time: Jun 08 03:36:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 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...	12.379	3423266	32.726 ug/ml
Spiked Amount 50.000		Recovery =	65.45%
Target Compounds			
1) T n-Nonane (C9)	2.800	254127	2.128 ug/ml
2) T n-Decane (C10)	3.814	332749	2.812 ug/ml
4) T n-Dodecane (C12)	5.803	491333	4.101 ug/ml
6) T n-Tetradecane (C14)	7.591	404538	3.394 ug/ml
7) T n-Hexadecane (C16)	9.187	406159	3.406 ug/ml
8) T n-Octadecane (C18)	10.626	434085	3.621 ug/ml
10) T n-Eicosane (C20)	11.932	448140	3.756 ug/ml
11) T n-Heneicosane (C21)	12.543	452655	3.770 ug/ml
13) T n-Docosane (C22)	13.128	458481	3.807 ug/ml
14) T n-Tetracosane (C24)	14.228	543141	4.489 ug/ml
15) T n-Hexacosane (C26)	15.246	459441	3.797 ug/ml
16) T n-Octacosane (C28)	16.194	459489	3.791 ug/ml
17) T n-Tricontane (C30)	17.078	472853	3.932 ug/ml
18) T n-Dotriacontane (C32)	17.909	465276	4.049 ug/ml
19) T n-Tetratriacontane (C34)	18.691	427012	3.947 ug/ml
20) T n-Hexatriacontane (C36)	19.427	364997	3.623 ug/mlm
21) T n-Octatriacontane (C38)	20.162	333800	3.504 ug/ml
22) T n-Tetracontane (C40)	21.073	335280	3.590 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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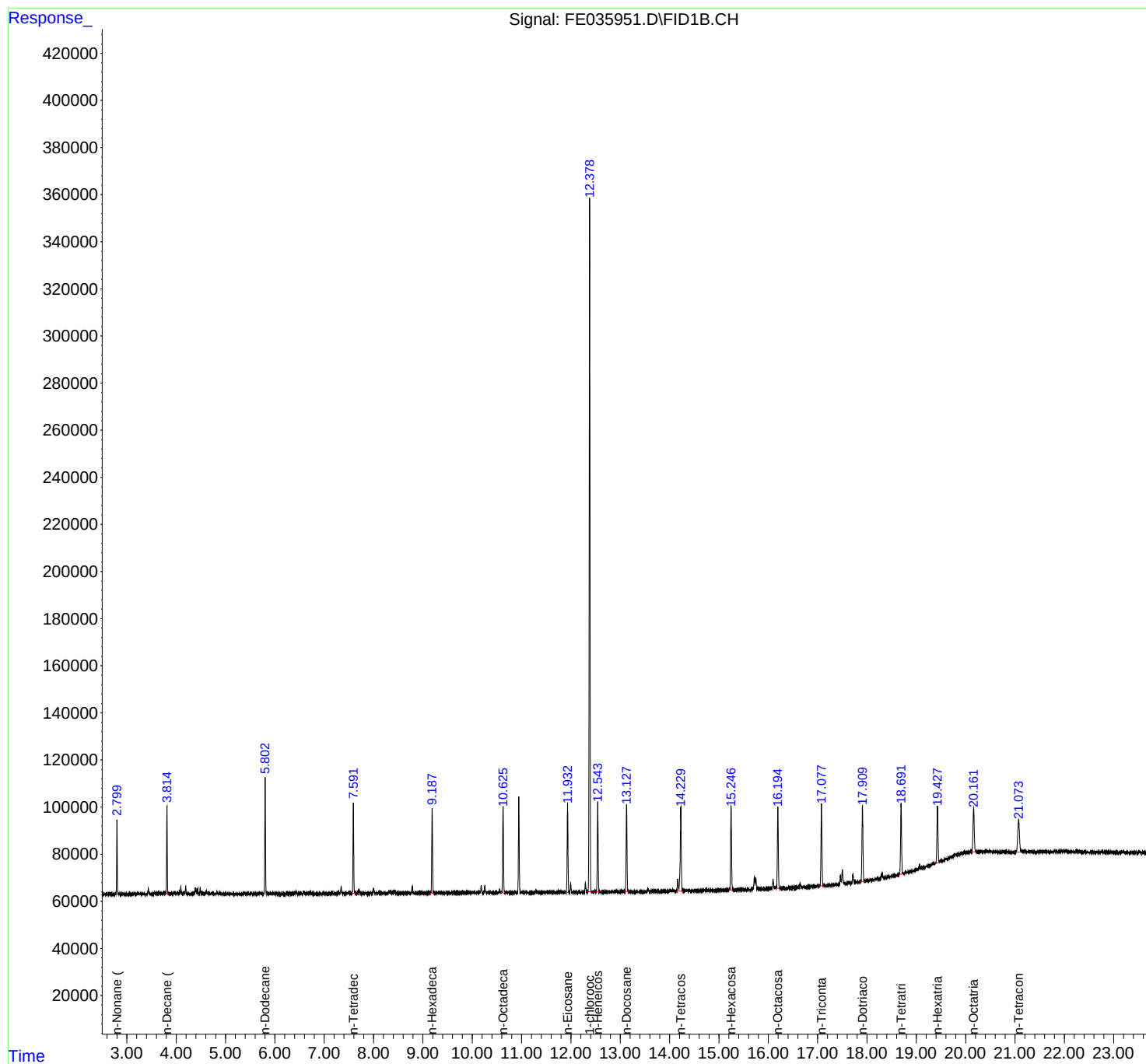
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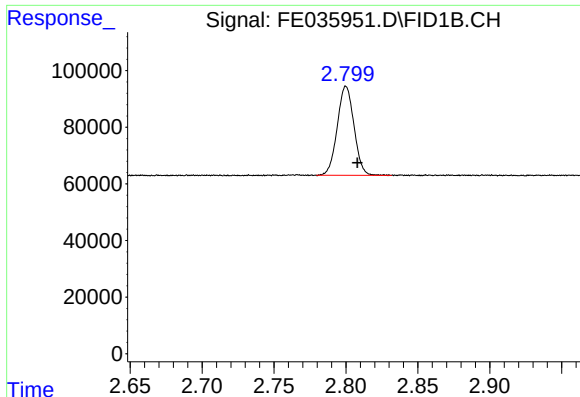
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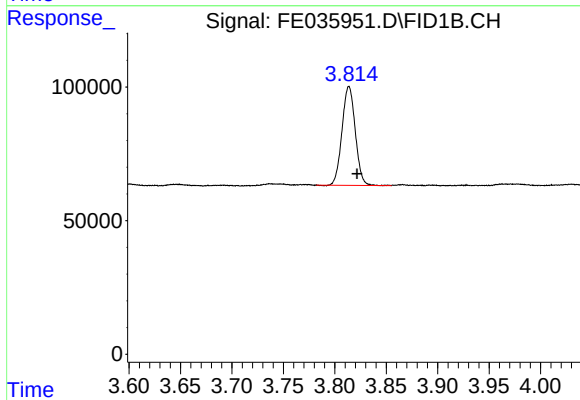
#1 n-Nonane (C9)

R.T.: 2.800 min
Delta R.T.: -0.008 min
Response: 254127
Conc: 2.13 ug/ml

Instrument :
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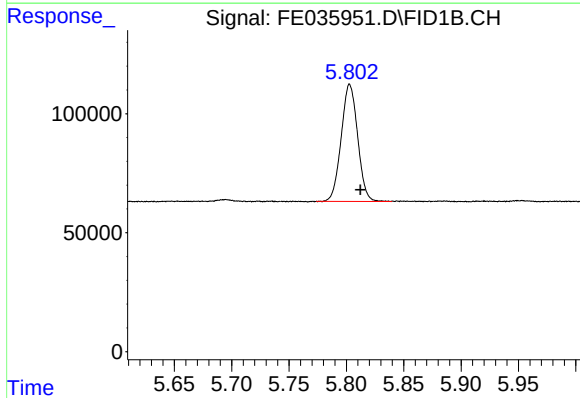
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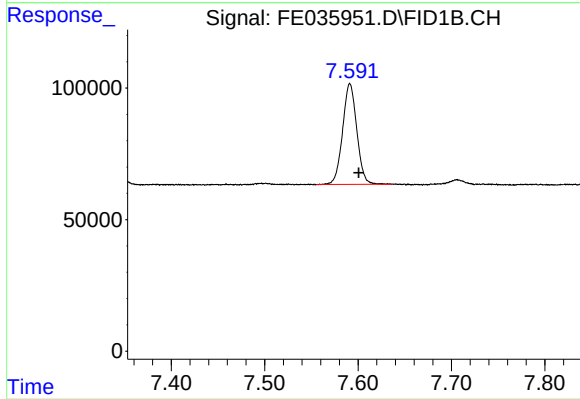
#2 n-Decane (C10)

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 332749
Conc: 2.81 ug/ml



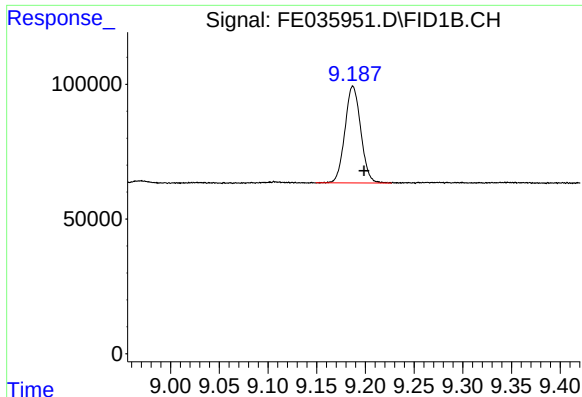
#4 n-Dodecane (C12)

R.T.: 5.803 min
Delta R.T.: -0.009 min
Response: 491333
Conc: 4.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.591 min
Delta R.T.: -0.009 min
Response: 404538
Conc: 3.39 ug/ml



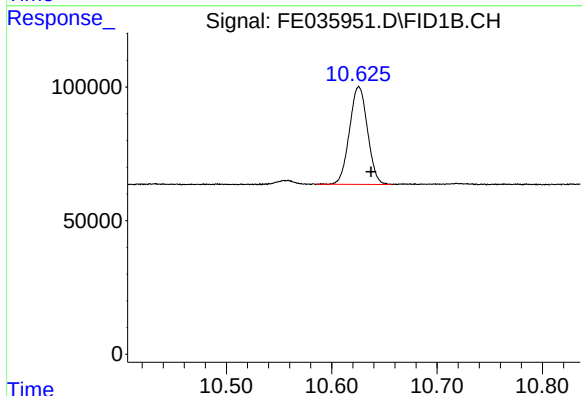
#7 n-Hexadecane (C16)

R.T.: 9.187 min
Delta R.T.: -0.011 min
Response: 406159
Conc: 3.41 ug/ml

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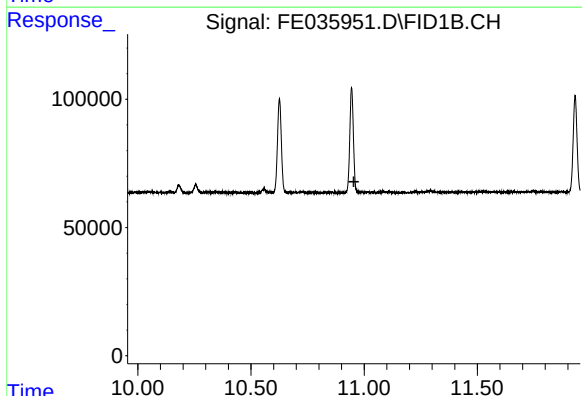
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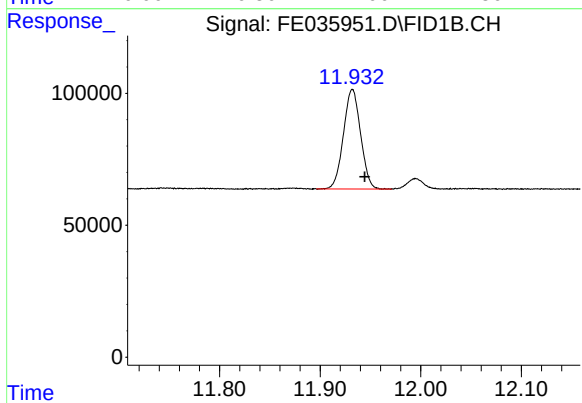
#8 n-Octadecane (C18)

R.T.: 10.626 min
Delta R.T.: -0.012 min
Response: 434085
Conc: 3.62 ug/ml



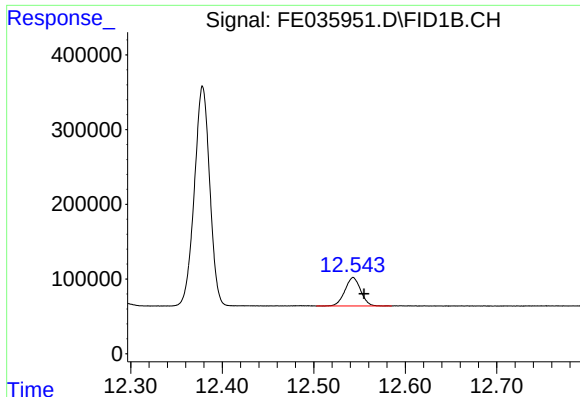
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.955 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.932 min
Delta R.T.: -0.012 min
Response: 448140
Conc: 3.76 ug/ml



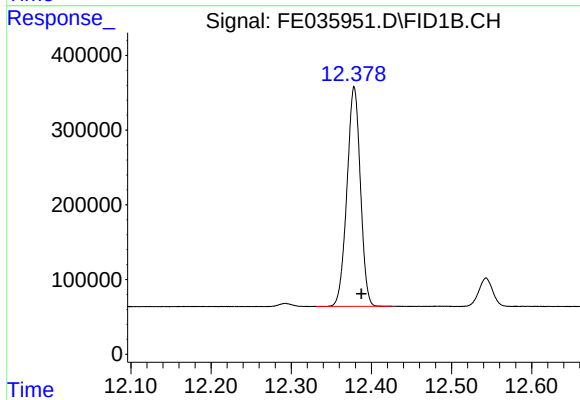
#11 n-Heneicosane (C21)

R.T.: 12.543 min
Delta R.T.: -0.012 min
Response: 452655
Conc: 3.77 ug/ml

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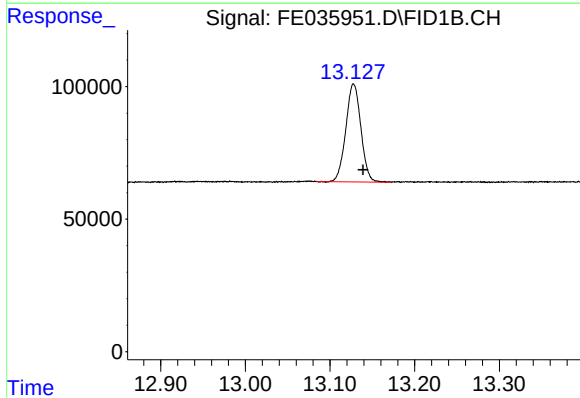
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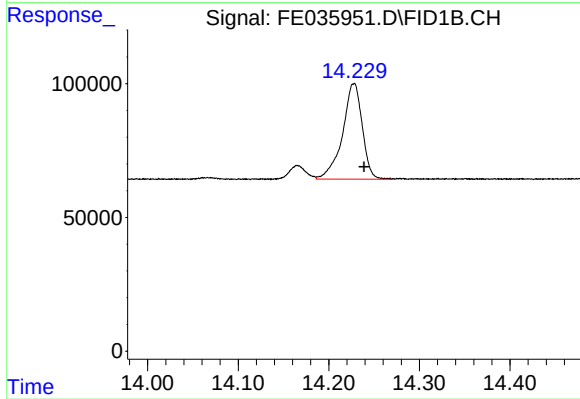
#12 1-chlorooctadecane (SURR)

R.T.: 12.379 min
Delta R.T.: -0.009 min
Response: 3423266
Conc: 32.73 ug/ml



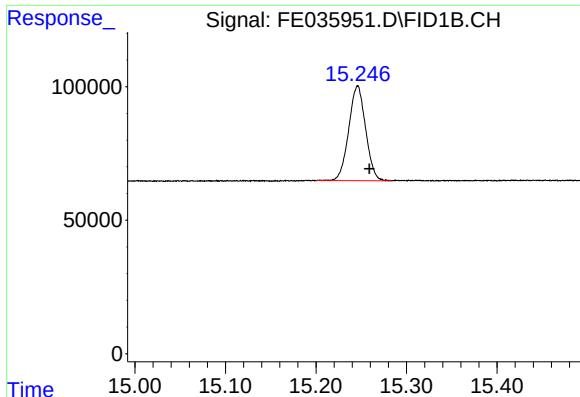
#13 n-Docosane (C22)

R.T.: 13.128 min
Delta R.T.: -0.011 min
Response: 458481
Conc: 3.81 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.228 min
Delta R.T.: -0.011 min
Response: 543141
Conc: 4.49 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.246 min
Delta R.T.: -0.013 min
Response: 459441
Conc: 3.80 ug/ml

Instrument :

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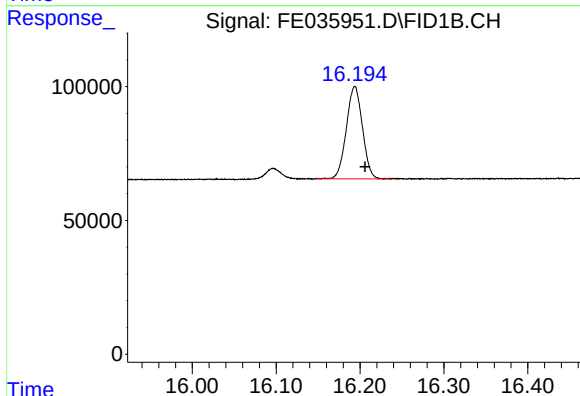
ClientSampleId :

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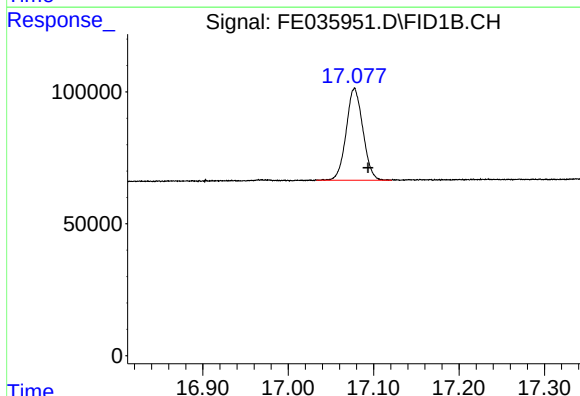
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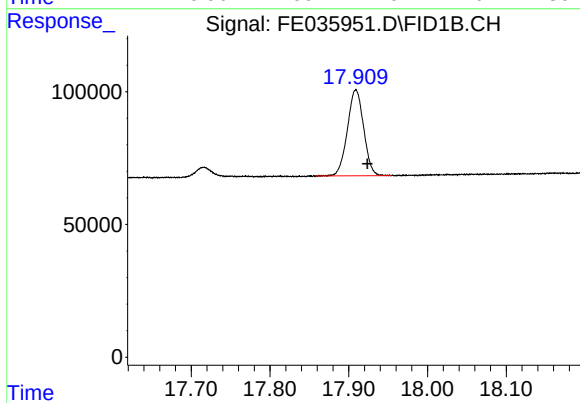
#16 n-Octacosane (C28)

R.T.: 16.194 min
Delta R.T.: -0.012 min
Response: 459489
Conc: 3.79 ug/ml



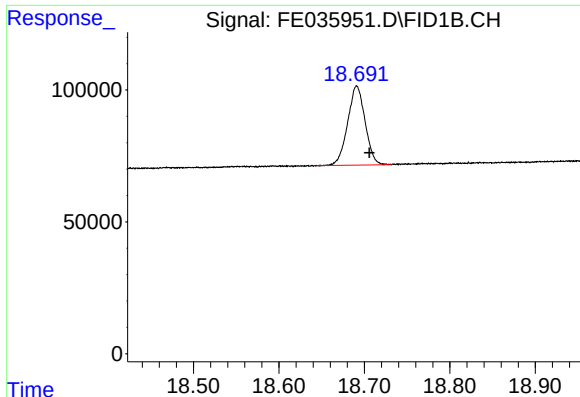
#17 n-Tricontane (C30)

R.T.: 17.078 min
Delta R.T.: -0.016 min
Response: 472853
Conc: 3.93 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.909 min
Delta R.T.: -0.015 min
Response: 465276
Conc: 4.05 ug/ml



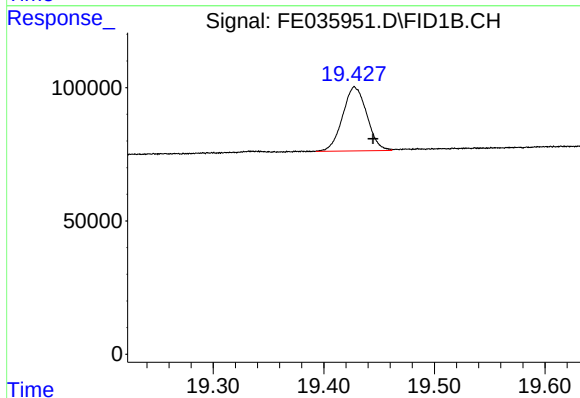
#19 n-Tetratriacontane (C34)

R.T.: 18.691 min
Delta R.T.: -0.015 min
Response: 427012
Conc: 3.95 ug/ml

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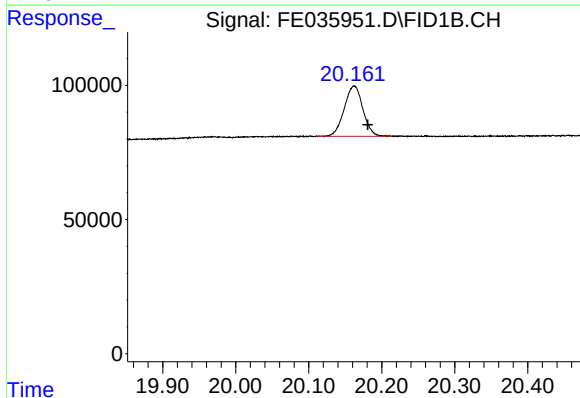
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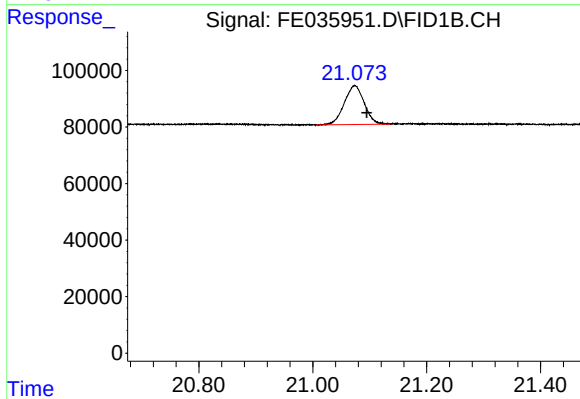
#20 n-Hexatriacontane (C36)

R.T.: 19.427 min
Delta R.T.: -0.017 min
Response: 364997
Conc: 3.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.162 min
Delta R.T.: -0.018 min
Response: 333800
Conc: 3.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.073 min
Delta R.T.: -0.021 min
Response: 335280
Conc: 3.59 ug/ml