

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035947.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 10:45
 Operator : YP\AJ
 Sample : N1645-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-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 03:32:33 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...	12.377	3607306	34.485 ug/ml
Spiked Amount 50.000		Recovery =	68.97%
Target Compounds			
1) T n-Nonane (C9)	2.797	178646	1.496 ug/ml
2) T n-Decane (C10)	3.810	228298	1.929 ug/ml
4) T n-Dodecane (C12)	5.799	372365	3.108 ug/ml
6) T n-Tetradecane (C14)	7.589	271381	2.277 ug/ml
7) T n-Hexadecane (C16)	9.186	276986	2.323 ug/ml
8) T n-Octadecane (C18)	10.624	297018	2.478 ug/ml
10) T n-Eicosane (C20)	11.931	298998	2.506 ug/ml
11) T n-Heneicosane (C21)	12.542	299535	2.495 ug/ml
13) T n-Docosane (C22)	13.125	305291	2.535 ug/mlm
14) T n-Tetracosane (C24)	14.226	360642	2.981 ug/ml
15) T n-Hexacosane (C26)	15.246	298286	2.465 ug/ml
16) T n-Octacosane (C28)	16.193	301370	2.487 ug/ml
17) T n-Tricontane (C30)	17.078	309548	2.574 ug/ml
18) T n-Dotriacontane (C32)	17.909	306104	2.664 ug/ml
19) T n-Tetratriacontane (C34)	18.690	279190	2.581 ug/ml
20) T n-Hexatriacontane (C36)	19.427	238626	2.369 ug/ml
21) T n-Octatriacontane (C38)	20.162	221376	2.324 ug/ml
22) T n-Tetracontane (C40)	21.073	224907	2.408 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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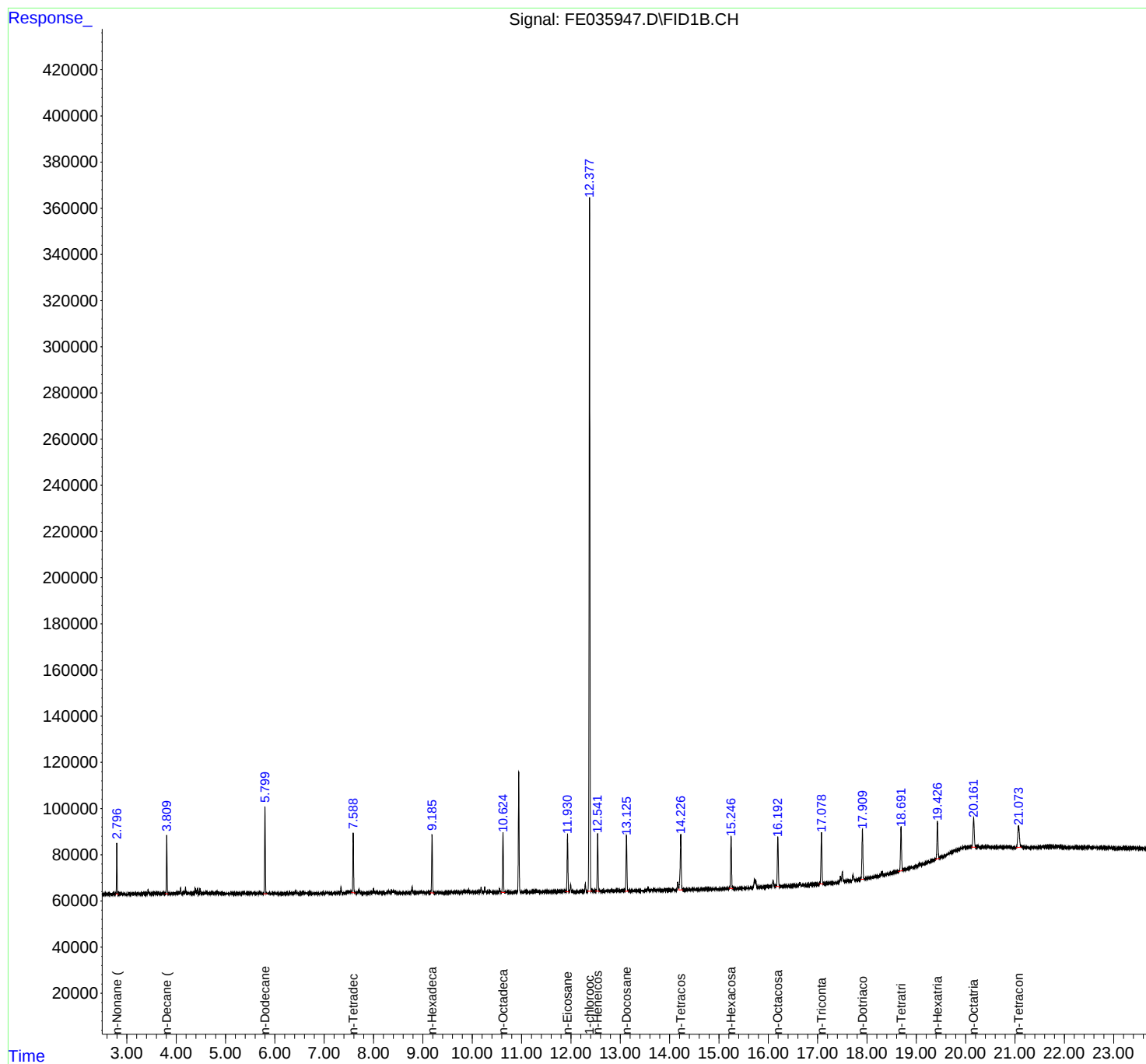
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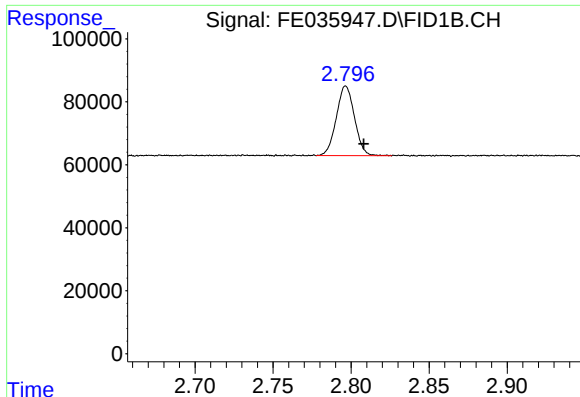
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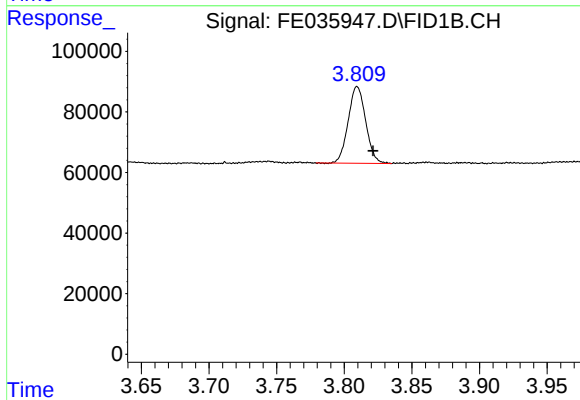
#1 n-Nonane (C9)

R.T.: 2.797 min
Delta R.T.: -0.011 min
Response: 178646
Conc: 1.50 ug/ml

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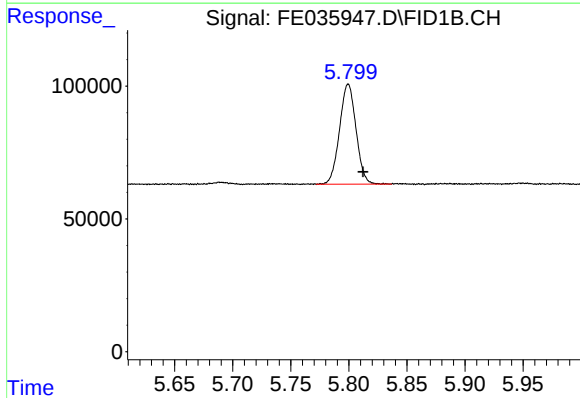
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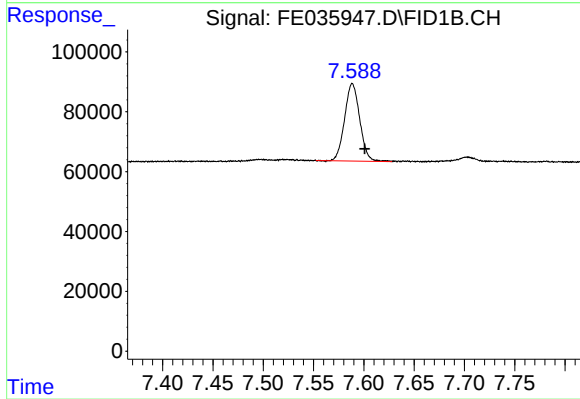
#2 n-Decane (C10)

R.T.: 3.810 min
Delta R.T.: -0.012 min
Response: 228298
Conc: 1.93 ug/ml



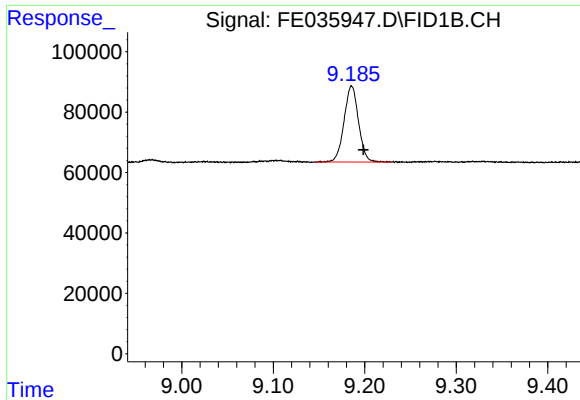
#4 n-Dodecane (C12)

R.T.: 5.799 min
Delta R.T.: -0.013 min
Response: 372365
Conc: 3.11 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.589 min
Delta R.T.: -0.012 min
Response: 271381
Conc: 2.28 ug/ml



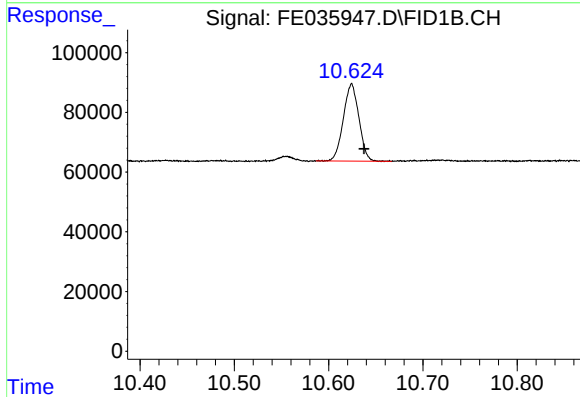
#7 n-Hexadecane (C16)

R.T.: 9.186 min
Delta R.T.: -0.013 min
Response: 276986
Conc: 2.32 ug/ml

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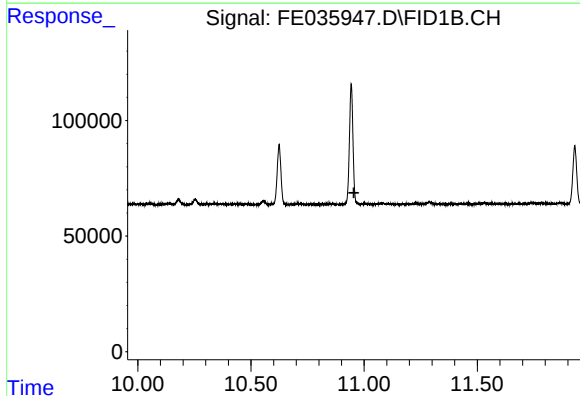
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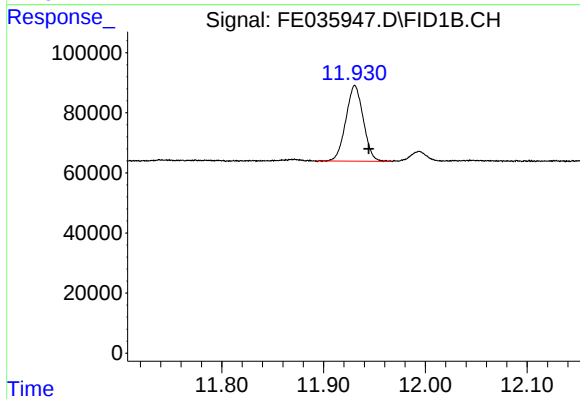
#8 n-Octadecane (C18)

R.T.: 10.624 min
Delta R.T.: -0.013 min
Response: 297018
Conc: 2.48 ug/ml



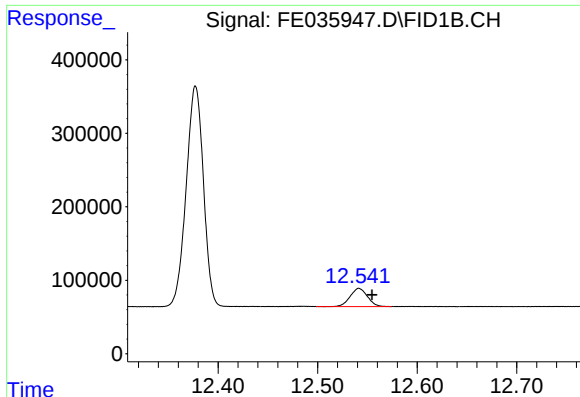
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.931 min
Delta R.T.: -0.013 min
Response: 298998
Conc: 2.51 ug/ml



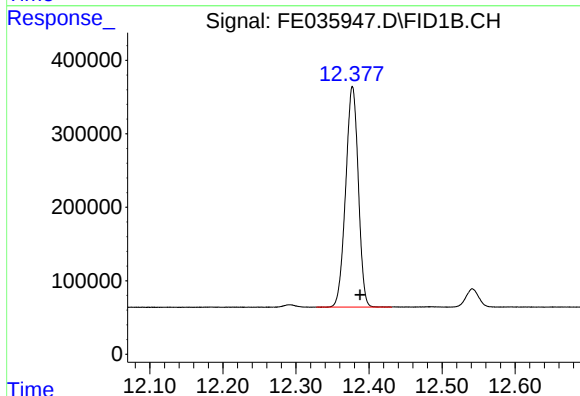
#11 n-Heneicosane (C21)

R.T.: 12.542 min
Delta R.T.: -0.013 min
Response: 299535
Conc: 2.49 ug/ml

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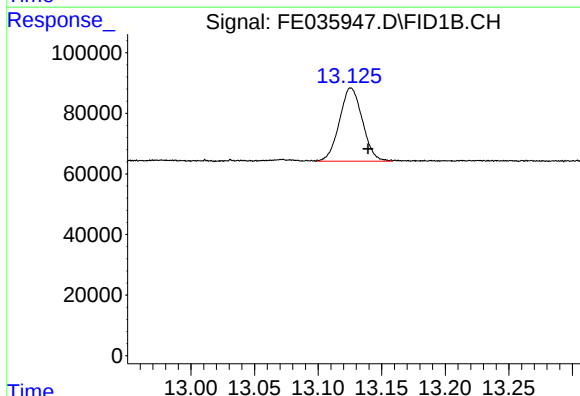
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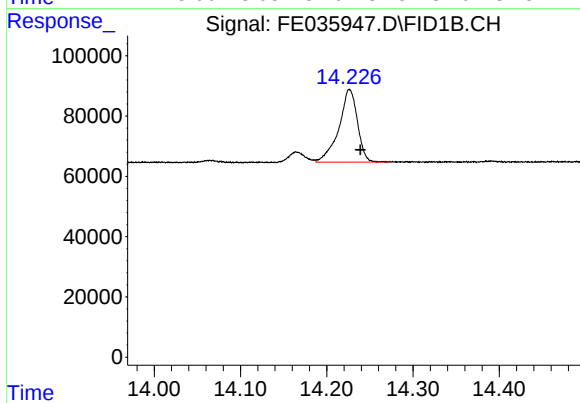
#12 1-chlorooctadecane (SURR)

R.T.: 12.377 min
Delta R.T.: -0.010 min
Response: 3607306
Conc: 34.49 ug/ml



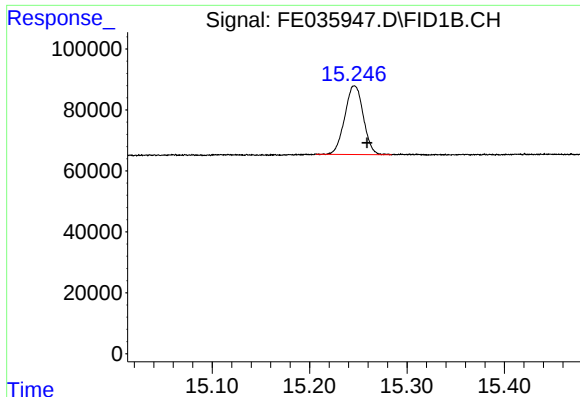
#13 n-Docosane (C22)

R.T.: 13.125 min
Delta R.T.: -0.014 min
Response: 305291
Conc: 2.54 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.226 min
Delta R.T.: -0.013 min
Response: 360642
Conc: 2.98 ug/ml



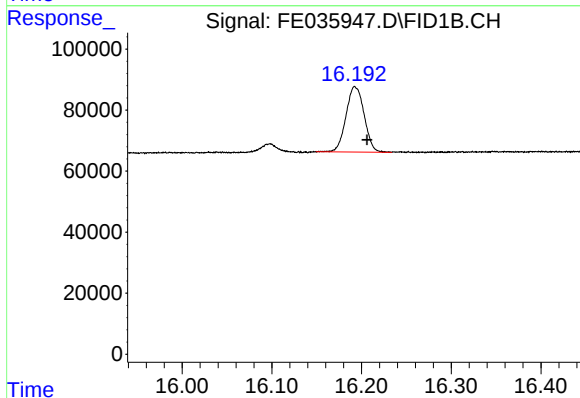
#15 n-Hexacosane (C26)

R.T.: 15.246 min
Delta R.T.: -0.013 min
Response: 298286
Conc: 2.46 ug/ml

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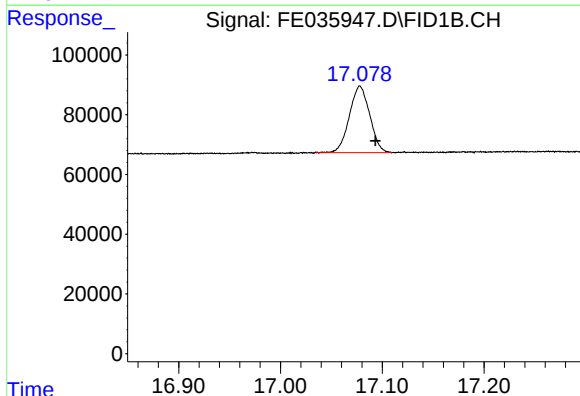
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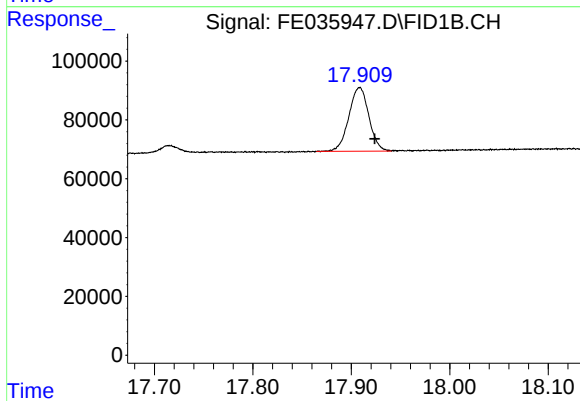
#16 n-Octacosane (C28)

R.T.: 16.193 min
Delta R.T.: -0.014 min
Response: 301370
Conc: 2.49 ug/ml



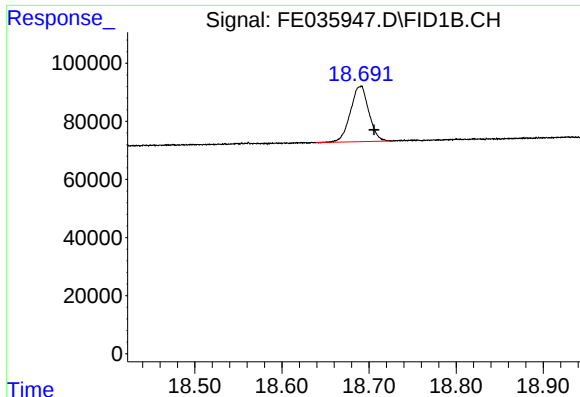
#17 n-Tricontane (C30)

R.T.: 17.078 min
Delta R.T.: -0.015 min
Response: 309548
Conc: 2.57 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.909 min
Delta R.T.: -0.015 min
Response: 306104
Conc: 2.66 ug/ml



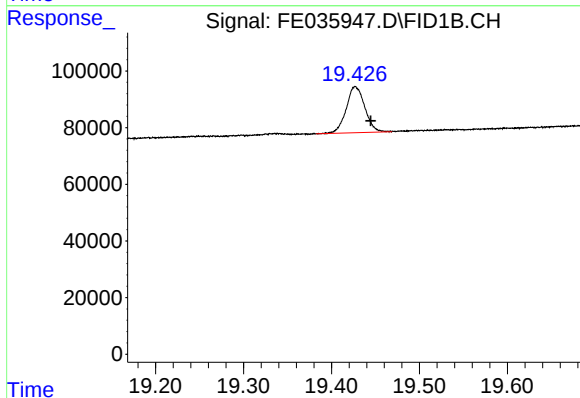
#19 n-Tetratriacontane (C34)

R.T.: 18.690 min
Delta R.T.: -0.015 min
Response: 279190
Conc: 2.58 ug/ml

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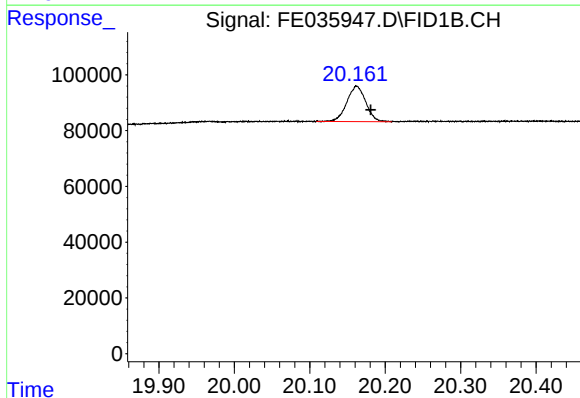
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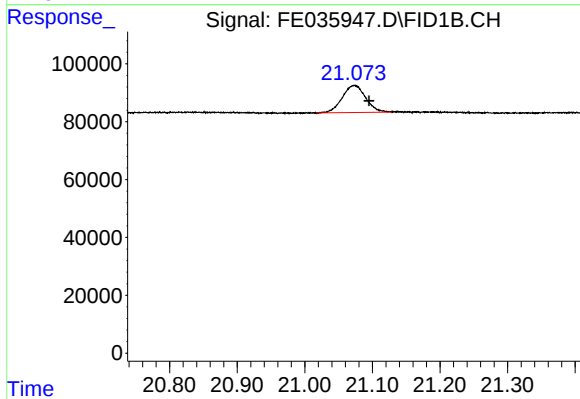
#20 n-Hexatriacontane (C36)

R.T.: 19.427 min
Delta R.T.: -0.018 min
Response: 238626
Conc: 2.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.162 min
Delta R.T.: -0.019 min
Response: 221376
Conc: 2.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.073 min
Delta R.T.: -0.021 min
Response: 224907
Conc: 2.41 ug/ml