

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037711.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 06:41
 Operator : YP\AJ
 Sample : N4630-19MS 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-17-4-4-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
 Quant Time: Sep 21 08:34:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	13.049	406088	3.155 ug/mlm
Spiked Amount 50.000		Recovery =	6.31%
Target Compounds			
1) T n-Nonane (C9)	3.021	153360	1.002 ug/ml
2) T n-Decane (C10)	4.279	209704	1.360 ug/ml
4) T n-Dodecane (C12)	6.450	316482	2.001 ug/ml
6) T n-Tetradecane (C14)	9.867	459722	2.901 ug/mlm
7) T n-Hexadecane (C16)	9.867	459776	2.902 ug/mlm
8) T n-Octadecane (C18)	11.303	464763	2.919 ug/ml
10) T n-Eicosane (C20)	12.606	444156	2.807 ug/mlm
11) T n-Heneicosane (C21)	13.214	439137	2.785 ug/ml
13) T n-Docosane (C22)	13.797	463533	2.978 ug/ml
14) T n-Tetracosane (C24)	14.894	425786	2.831 ug/ml
15) T n-Hexacosane (C26)	15.910	439810	3.037 ug/ml
16) T n-Octacosane (C28)	16.857	513879	3.709 ug/mlm
17) T n-Tricontane (C30)	17.738	553755	4.071 ug/ml
18) T n-Dotriacontane (C32)	18.567	423778	3.174 ug/mlm
19) T n-Tetratriacontane (C34)	19.346	460074	3.636 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	478143	3.718 ug/ml
21) T n-Octatriacontane (C38)	20.779	643951	5.174 ug/mlm
22) T n-Tetracontane (C40)	21.559	477643	3.705 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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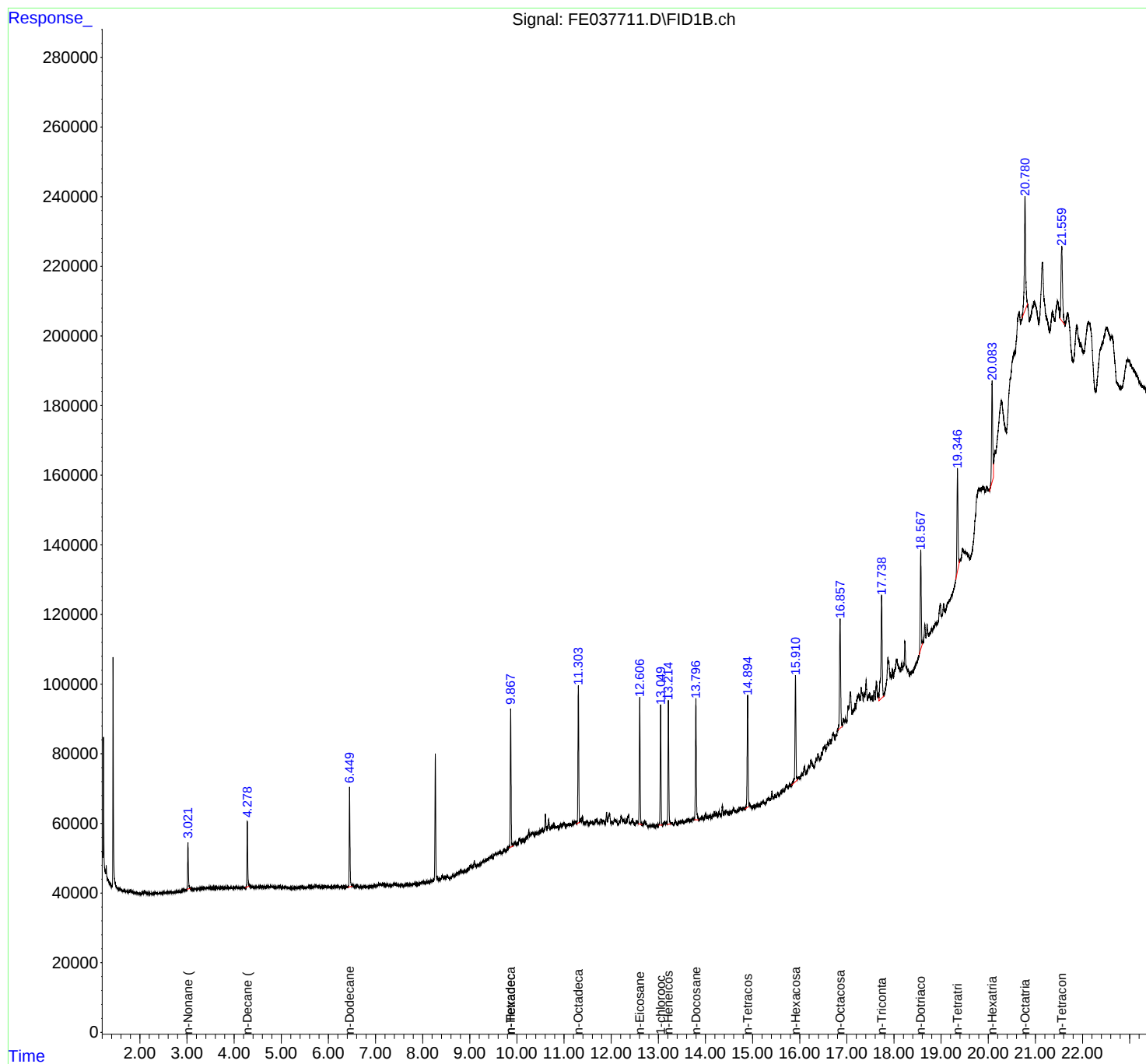
Instrument :
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ClientSampleId :
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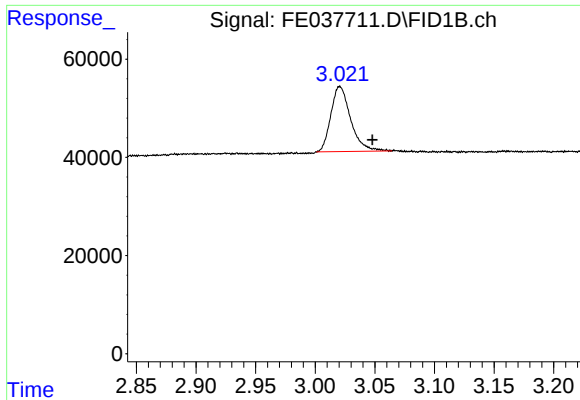
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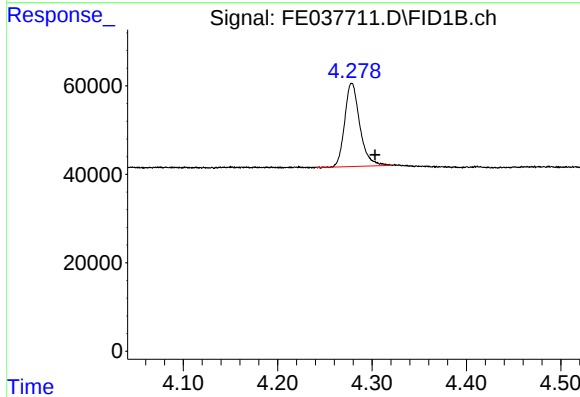
#1 n-Nonane (C9)

R.T.: 3.021 min
Delta R.T.: -0.027 min
Response: 153360
Conc: 1.00 ug/ml

Instrument :
FID_E
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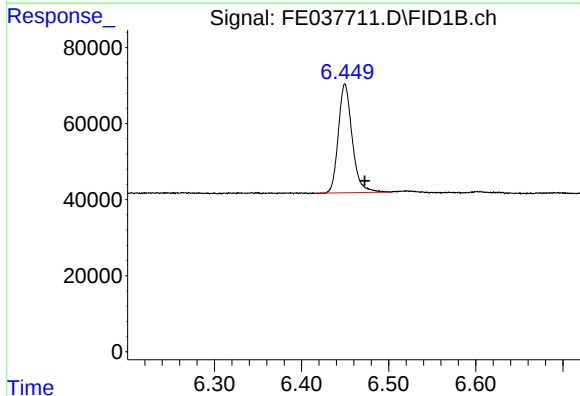
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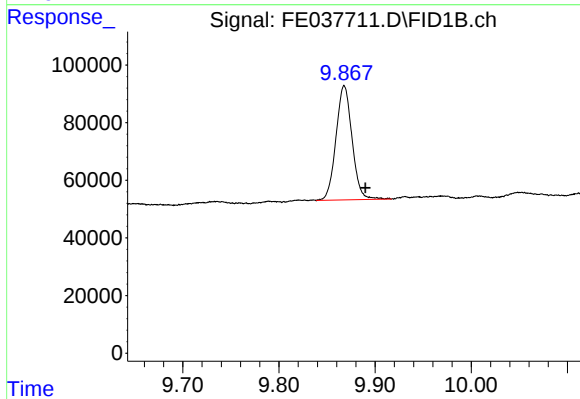
#2 n-Decane (C10)

R.T.: 4.279 min
Delta R.T.: -0.025 min
Response: 209704
Conc: 1.36 ug/ml



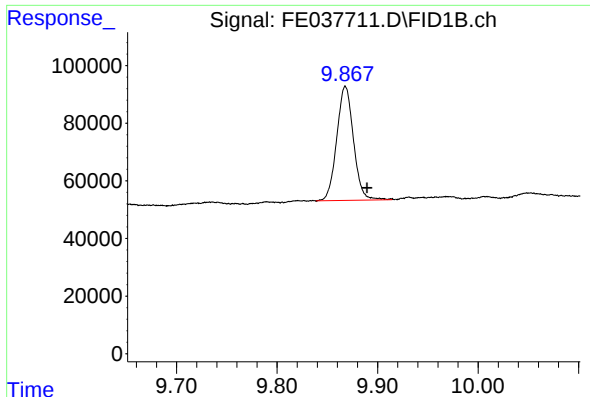
#4 n-Dodecane (C12)

R.T.: 6.450 min
Delta R.T.: -0.023 min
Response: 316482
Conc: 2.00 ug/ml



#6 n-Tetradecane (C14)

R.T.: 9.867 min
Delta R.T.: -0.022 min
Response: 459722
Conc: 2.90 ug/ml m



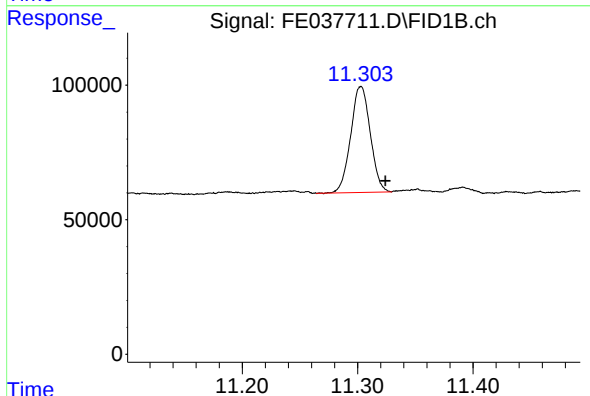
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.022 min
Response: 459776
Conc: 2.90 ug/ml

Instrument :
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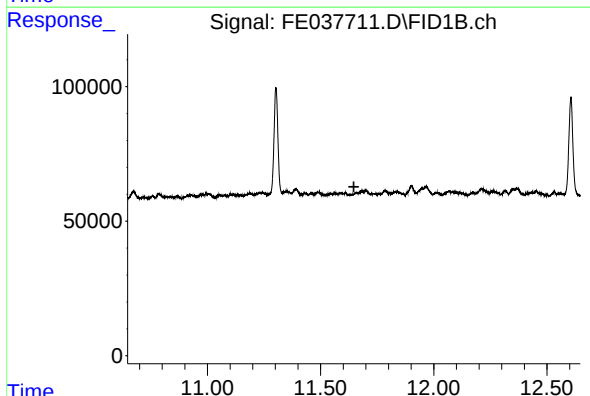
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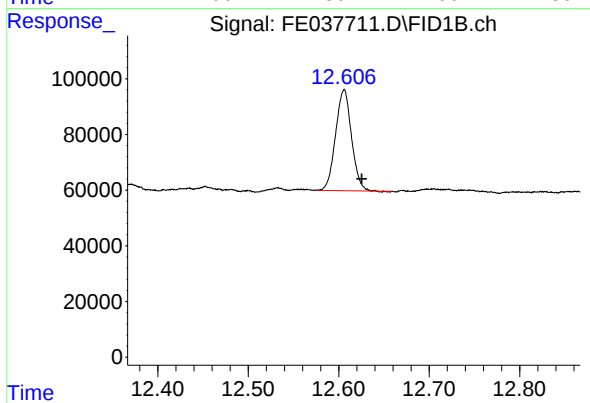
#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: -0.021 min
Response: 464763
Conc: 2.92 ug/ml



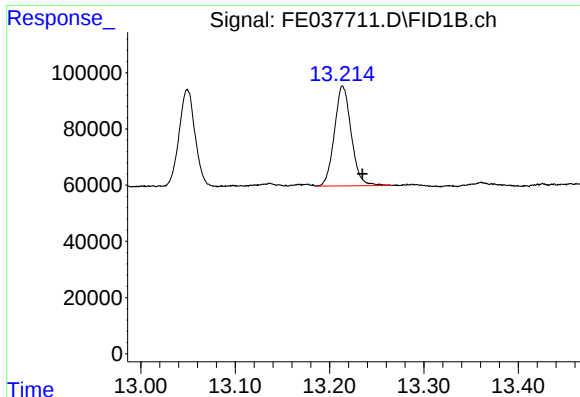
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.647 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.606 min
Delta R.T.: -0.020 min
Response: 444156
Conc: 2.81 ug/ml m



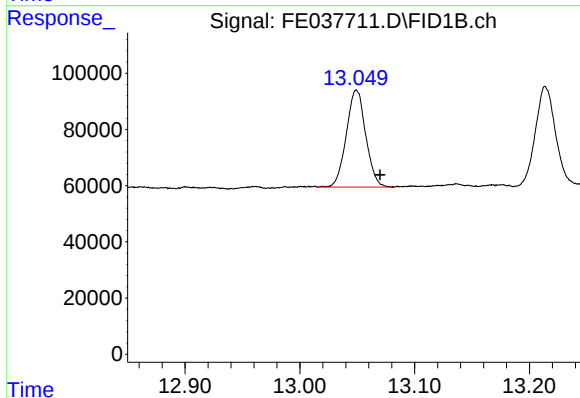
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.021 min
Response: 439137
Conc: 2.78 ug/ml

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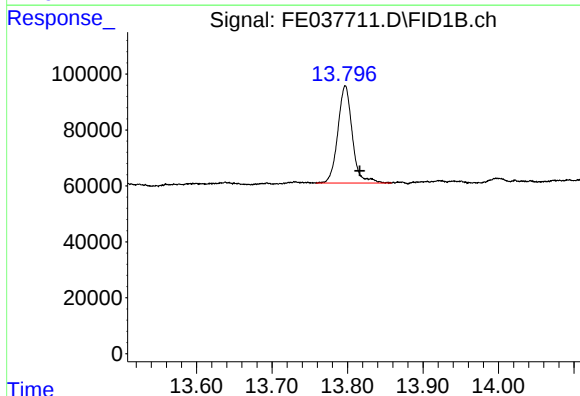
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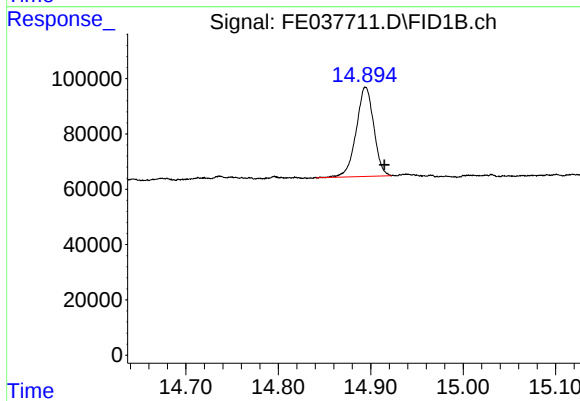
#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 406088
Conc: 3.16 ug/ml m



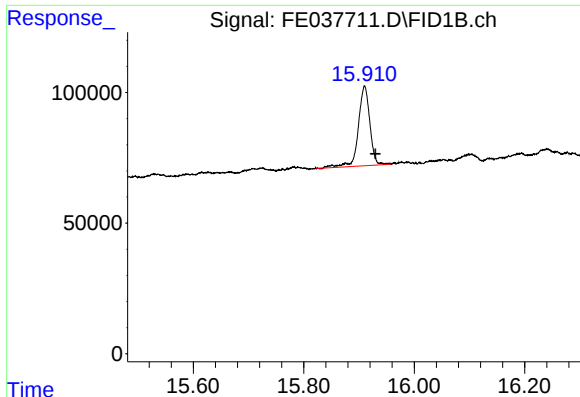
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.019 min
Response: 463533
Conc: 2.98 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.894 min
Delta R.T.: -0.020 min
Response: 425786
Conc: 2.83 ug/ml



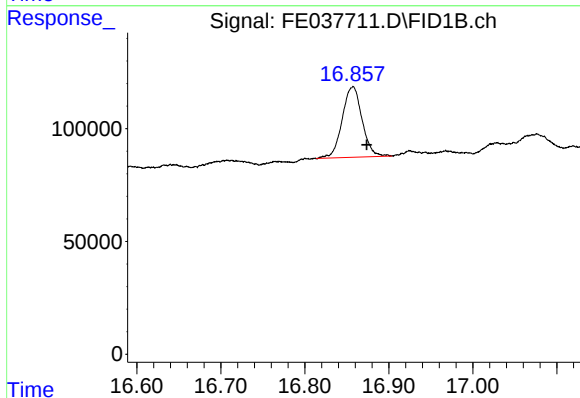
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.019 min
Response: 439810
Conc: 3.04 ug/ml

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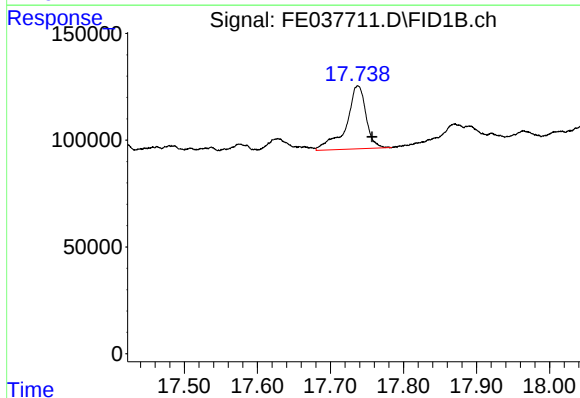
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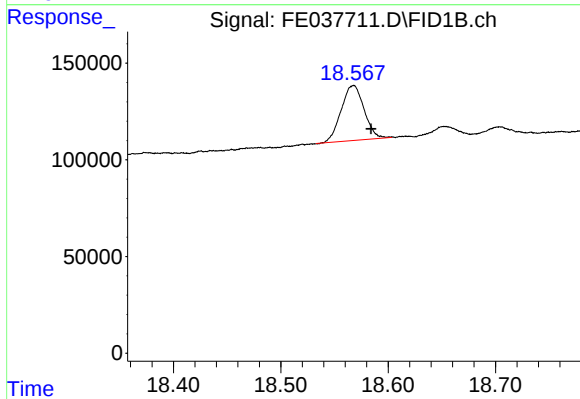
#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.016 min
Response: 513879
Conc: 3.71 ug/ml m



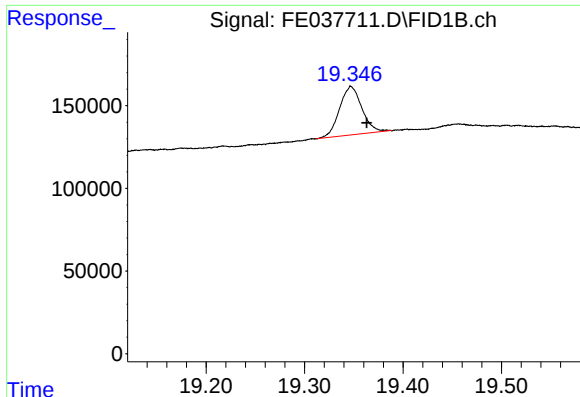
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: -0.019 min
Response: 553755
Conc: 4.07 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.017 min
Response: 423778
Conc: 3.17 ug/ml m



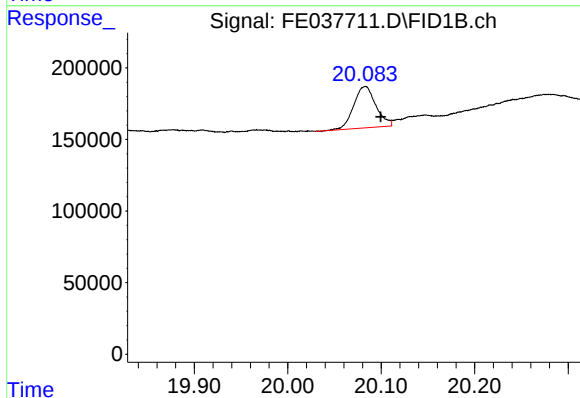
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.017 min
Response: 460074
Conc: 3.64 ug/ml

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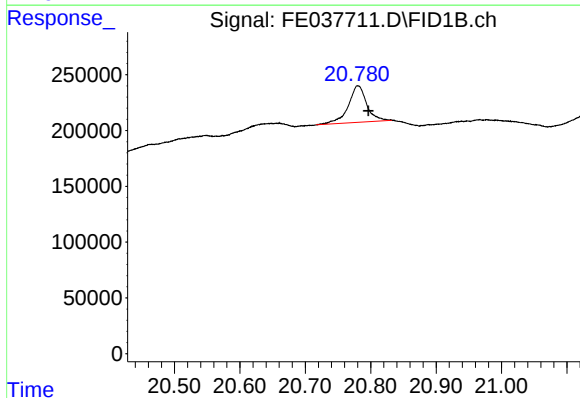
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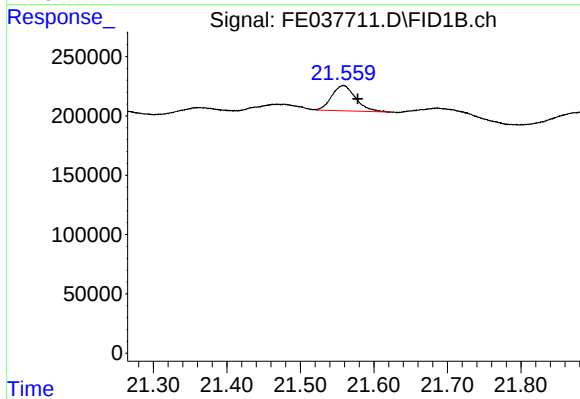
#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: -0.016 min
Response: 478143
Conc: 3.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.017 min
Response: 643951
Conc: 5.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: -0.019 min
Response: 477643
Conc: 3.71 ug/ml m