

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037712.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 07:11
 Operator : YP\AJ
 Sample : N4630-19MSD 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

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 08:33:30 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...	13.048	415930	3.232 ug/ml
Spiked Amount 50.000		Recovery =	6.46%
Target Compounds			
1) T n-Nonane (C9)	3.021	159843	1.045 ug/ml
2) T n-Decane (C10)	4.279	211219	1.370 ug/ml
4) T n-Dodecane (C12)	6.450	314506	1.989 ug/ml
6) T n-Tetradecane (C14)	9.868	475193	2.999 ug/ml
7) T n-Hexadecane (C16)	9.868	465502	2.938 ug/mlm
8) T n-Octadecane (C18)	11.303	445386	2.797 ug/ml
10) T n-Eicosane (C20)	12.605	446183	2.820 ug/ml
11) T n-Heneicosane (C21)	13.214	434643	2.756 ug/ml
13) T n-Docosane (C22)	13.796	448920	2.884 ug/mlm
14) T n-Tetracosane (C24)	14.893	428526	2.849 ug/ml
15) T n-Hexacosane (C26)	15.911	437746	3.023 ug/mlm
16) T n-Octacosane (C28)	16.855	563176	4.065 ug/mlm
17) T n-Tricontane (C30)	17.738	559226	4.111 ug/ml
18) T n-Dotriacontane (C32)	18.566	423540	3.172 ug/mlm
19) T n-Tetratriacontane (C34)	19.346	466040	3.683 ug/mlm
20) T n-Hexatriacontane (C36)	20.084	392798	3.054 ug/mlm
21) T n-Octatriacontane (C38)	20.778	509815	4.096 ug/mlm
22) T n-Tetracontane (C40)	21.557	459304	3.563 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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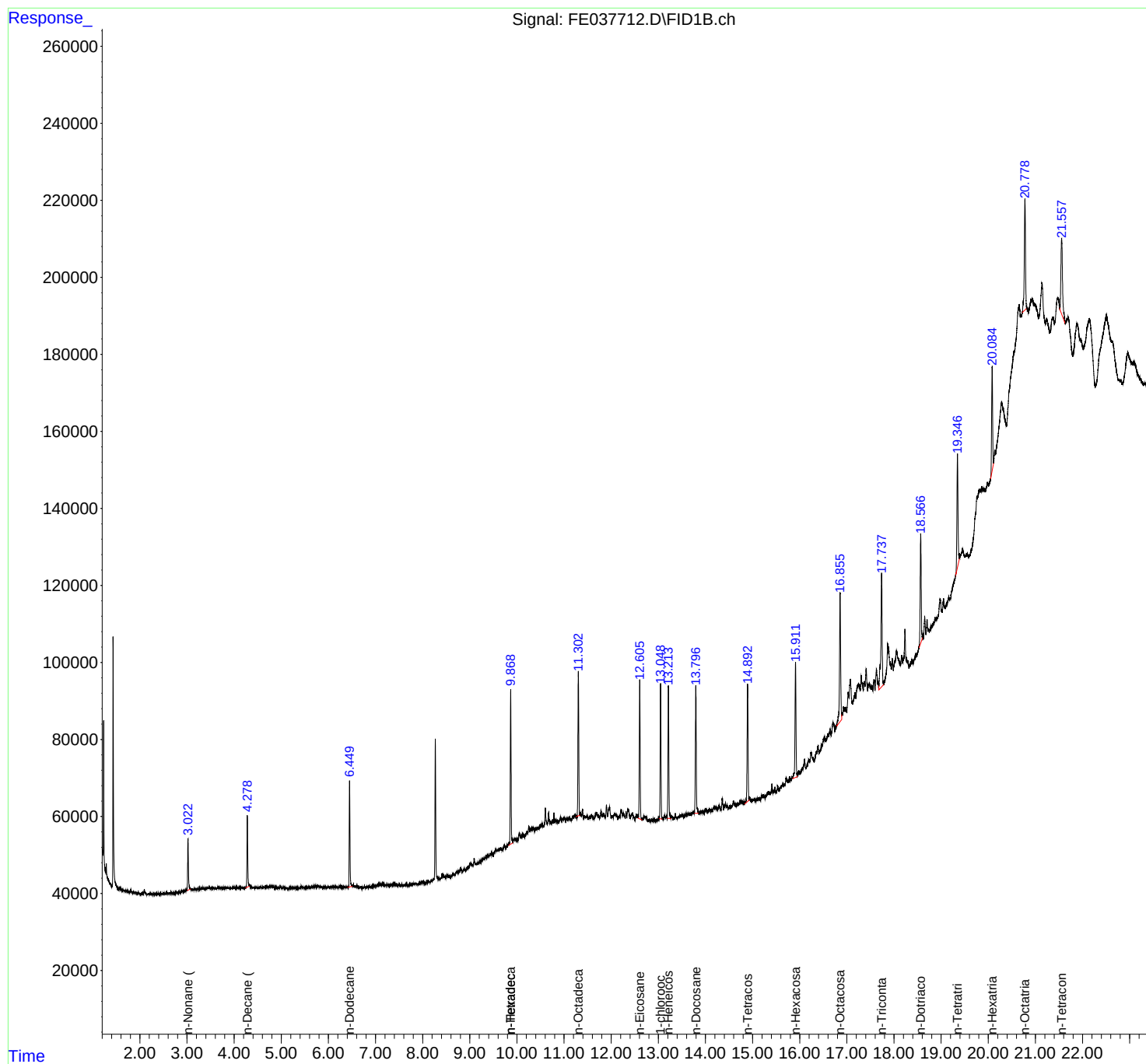
Instrument :
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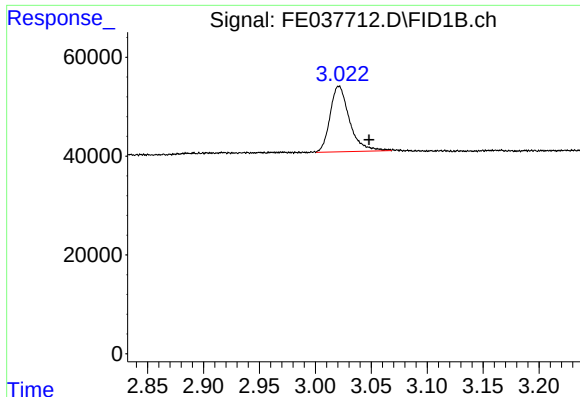
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.021 min
Delta R.T.: -0.027 min
Response: 159843
Conc: 1.04 ug/ml

Instrument :

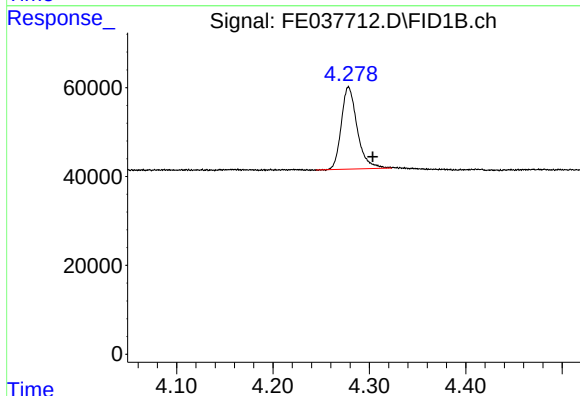
FID_E

ClientSampleId :

WC-17-4-4-GRMSD

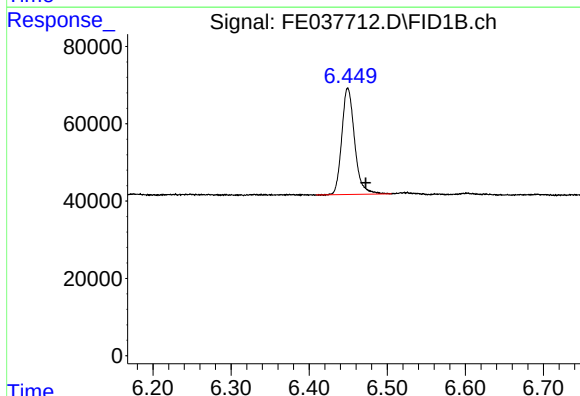
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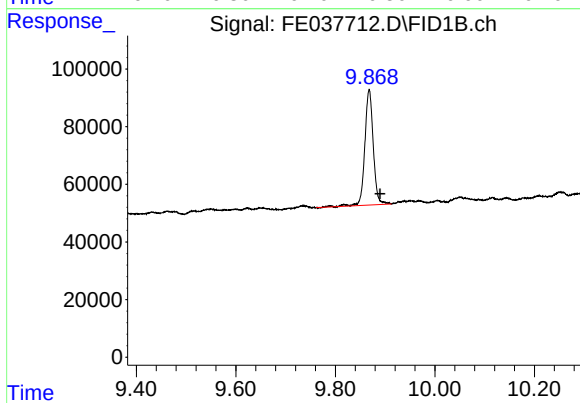
#2 n-Decane (C10)

R.T.: 4.279 min
Delta R.T.: -0.025 min
Response: 211219
Conc: 1.37 ug/ml



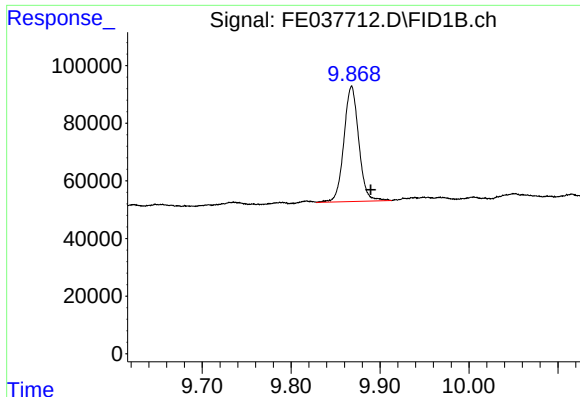
#4 n-Dodecane (C12)

R.T.: 6.450 min
Delta R.T.: -0.023 min
Response: 314506
Conc: 1.99 ug/ml



#6 n-Tetradecane (C14)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 475193
Conc: 3.00 ug/ml



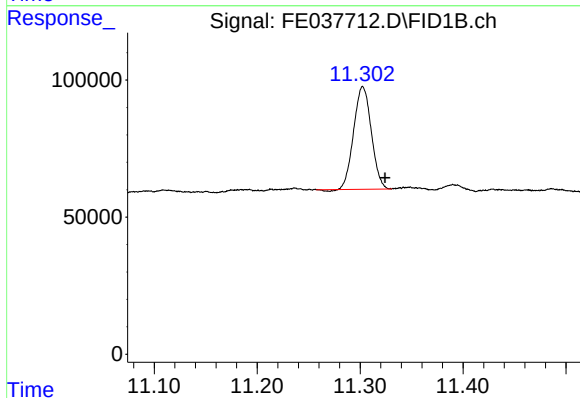
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.022 min
Response: 465502
Conc: 2.94 ug/ml

Instrument :
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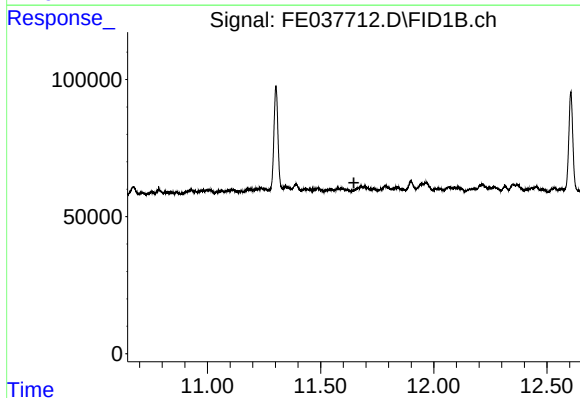
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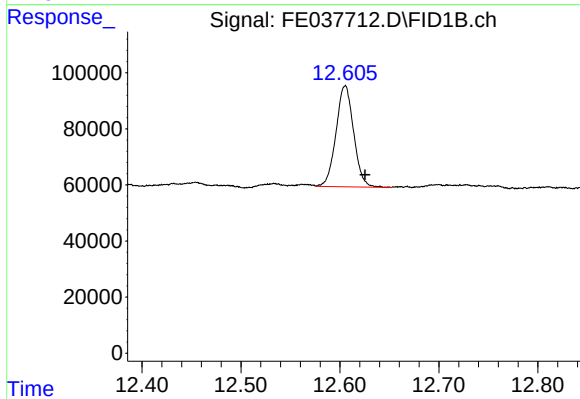
#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: -0.022 min
Response: 445386
Conc: 2.80 ug/ml



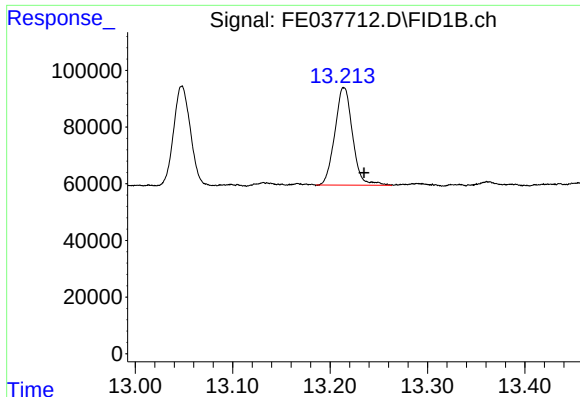
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.020 min
Response: 446183
Conc: 2.82 ug/ml



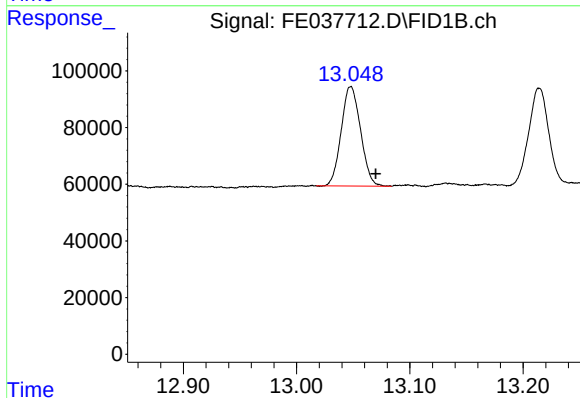
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.021 min
Response: 434643
Conc: 2.76 ug/ml

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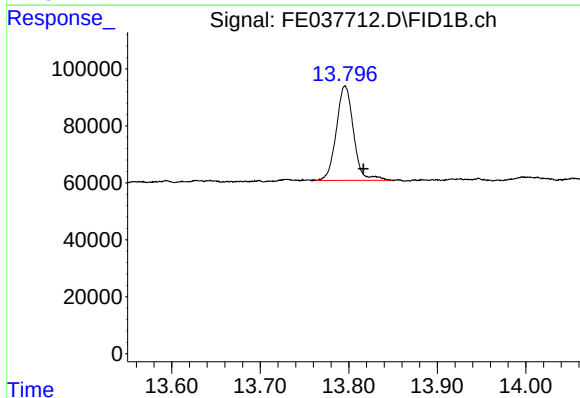
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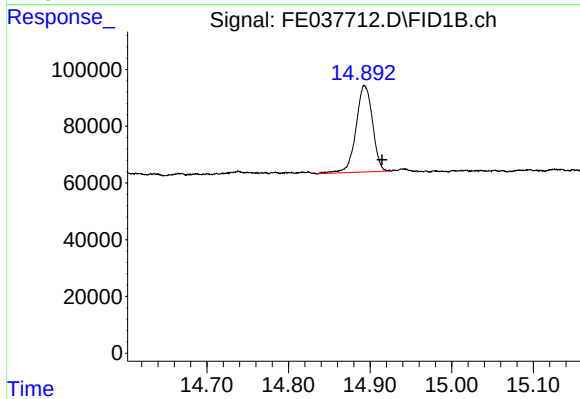
#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.022 min
Response: 415930
Conc: 3.23 ug/ml



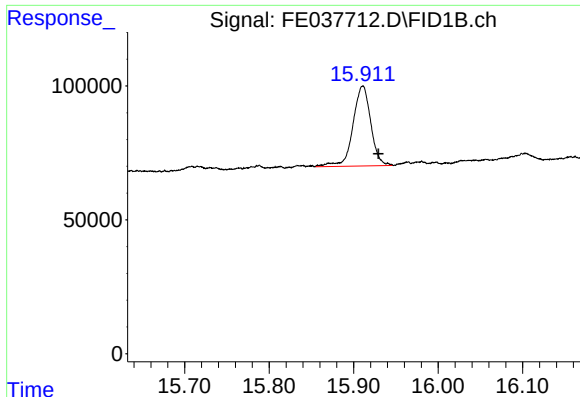
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.020 min
Response: 448920
Conc: 2.88 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.022 min
Response: 428526
Conc: 2.85 ug/ml



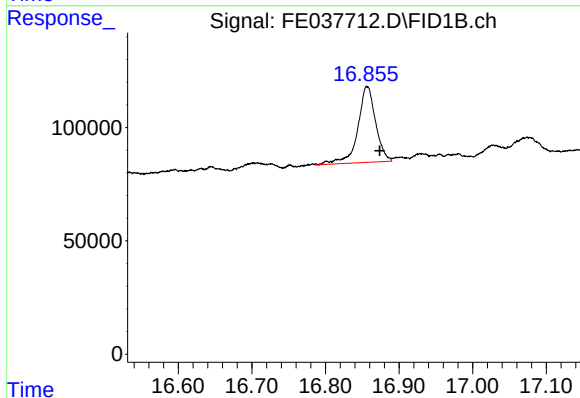
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: -0.018 min
Response: 437746
Conc: 3.02 ug/ml

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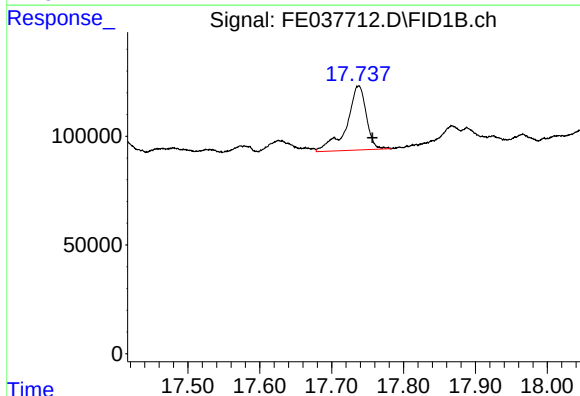
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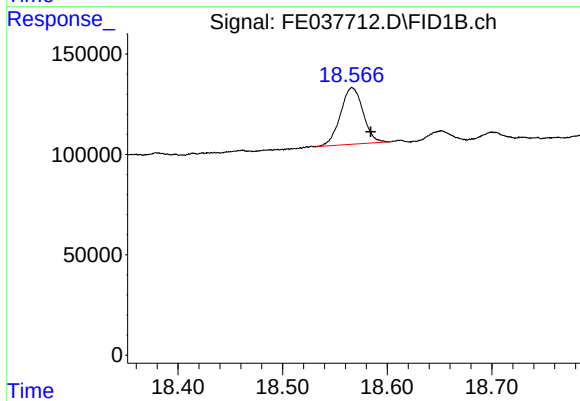
#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.018 min
Response: 563176
Conc: 4.07 ug/ml m



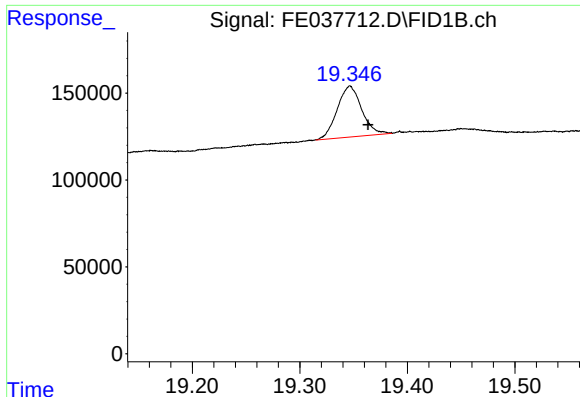
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: -0.019 min
Response: 559226
Conc: 4.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.018 min
Response: 423540
Conc: 3.17 ug/ml m



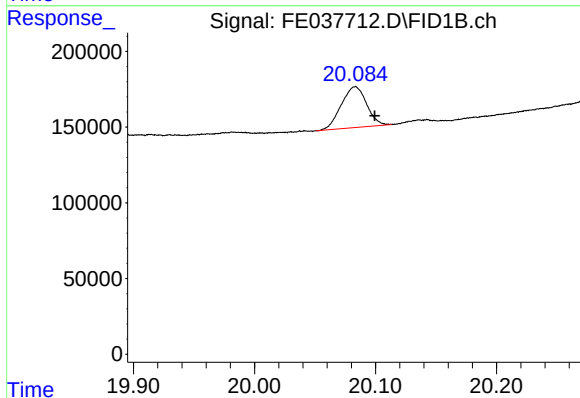
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.017 min
Response: 466040
Conc: 3.68 ug/ml

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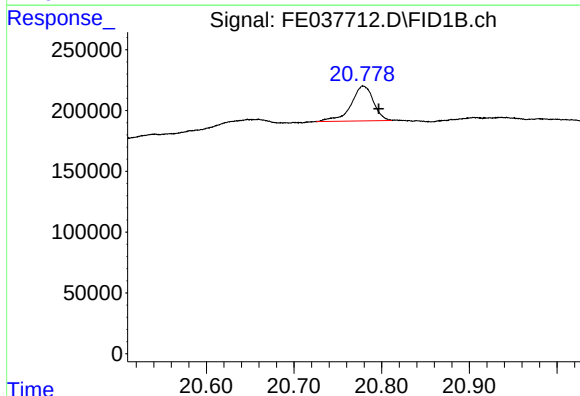
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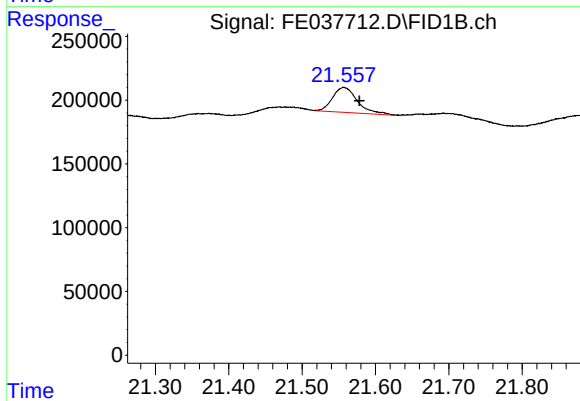
#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.016 min
Response: 392798
Conc: 3.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.018 min
Response: 509815
Conc: 4.10 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: -0.021 min
Response: 459304
Conc: 3.56 ug/ml m