

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080624AL\
 Data File : FF014401.D
 Signal(s) : FID2B.ch
 Acq On : 06 Aug 2024 03:54
 Operator : YP\AJ
 Sample : P3390-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 07:18:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 2024
 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...	13.258	4347852	46.503 ug/ml
Spiked Amount 50.000		Recovery =	93.01%
Target Compounds			
1) T n-Nonane (C9)	3.217	168310	1.302 ug/ml
2) T n-Decane (C10)	4.466	202313	1.544 ug/ml
4) T n-Dodecane (C12)	6.630	306913	2.321 ug/ml
6) T n-Tetradecane (C14)	8.457	274824	2.135 ug/ml
7) T n-Hexadecane (C16)	10.063	225959	1.745 ug/ml
8) T n-Octadecane (C18)	11.504	307857	2.332 ug/ml
10) T n-Eicosane (C20)	12.813	286172	2.277 ug/ml
11) T n-Heneicosane (C21)	13.424	271732	2.215 ug/ml
13) T n-Docosane (C22)	14.011	283911	2.369 ug/mlm
14) T n-Tetracosane (C24)	15.118	277340	2.373 ug/ml
15) T n-Hexacosane (C26)	16.138	268267	2.374 ug/ml
16) T n-Octacosane (C28)	17.089	269856	2.448 ug/ml
17) T n-Tricontane (C30)	17.976	293907	2.633 ug/ml
18) T n-Dotriacontane (C32)	18.809	317763	2.895 ug/ml
19) T n-Tetratriacontane (C34)	19.592	267965	2.611 ug/ml
20) T n-Hexatriacontane (C36)	20.336	212489	2.380 ug/ml
21) T n-Octatriacontane (C38)	21.059	139334	2.023 ug/ml
22) T n-Tetracontane (C40)	21.941	94348	2.109 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3390-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

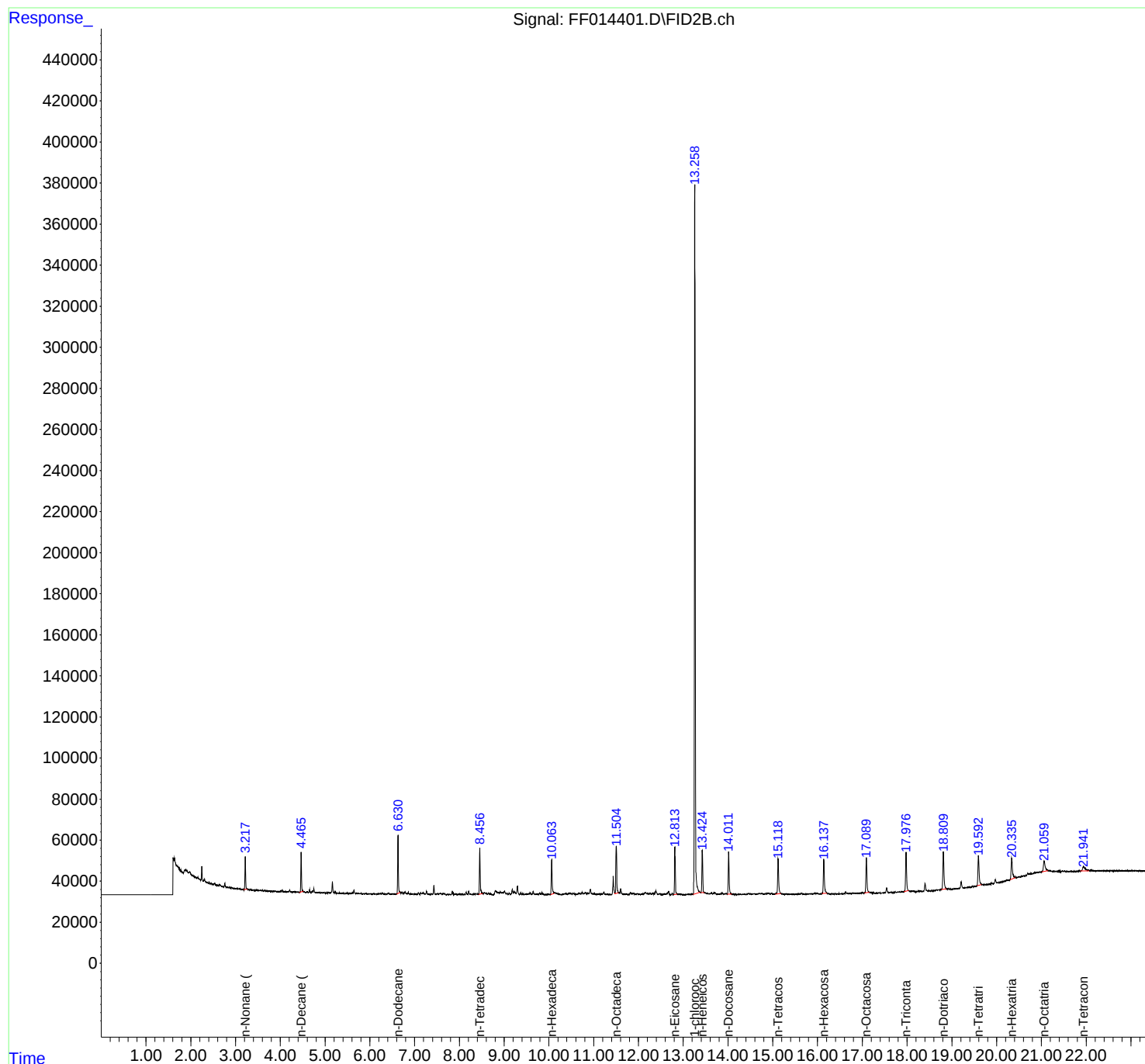
Instrument :
FID_F
ClientSampleId :
MDL-WATER-03-QT3-2024

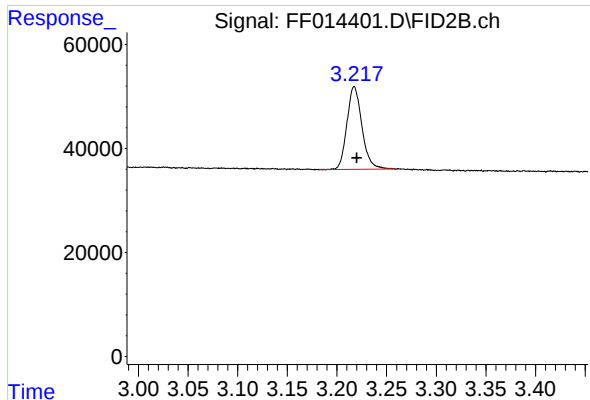
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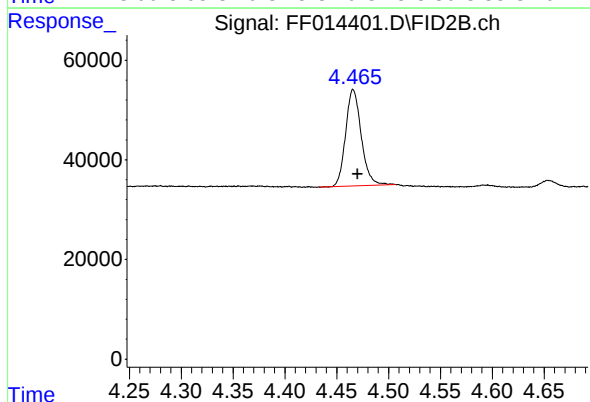
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.003 min
Response: 168310
Conc: 1.30 ug/ml

Instrument :
FID_F
ClientSampleId :
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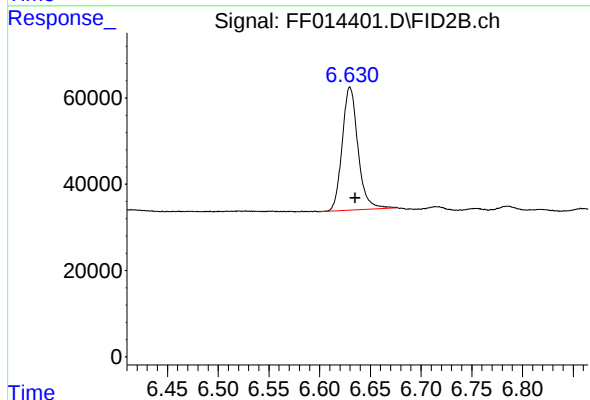
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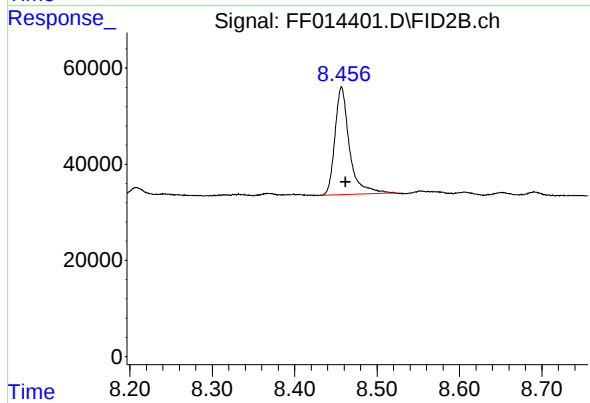
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 202313
Conc: 1.54 ug/ml



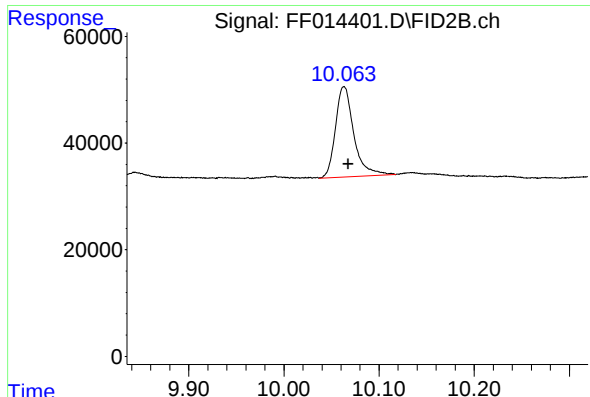
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 306913
Conc: 2.32 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 274824
Conc: 2.13 ug/ml



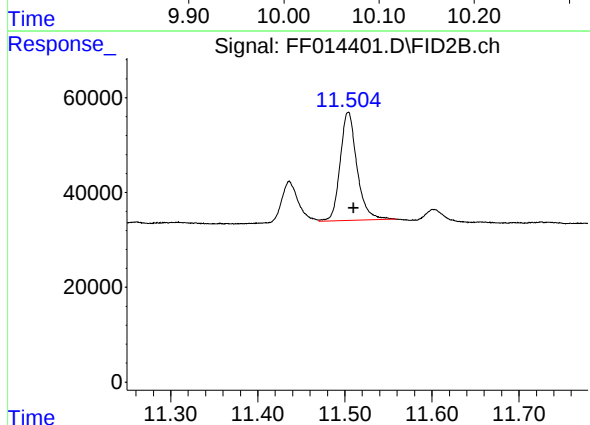
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.004 min
Response: 225959
Conc: 1.75 ug/ml

Instrument : FID_F
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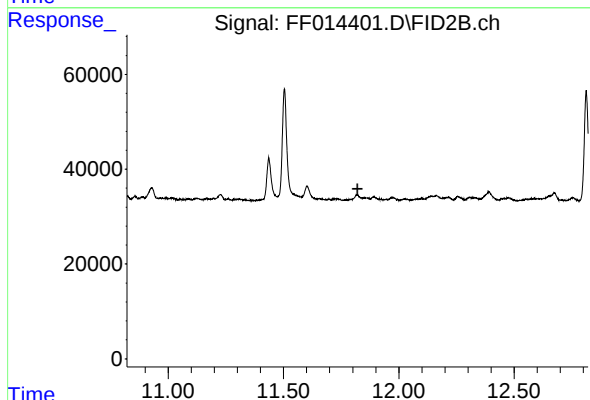
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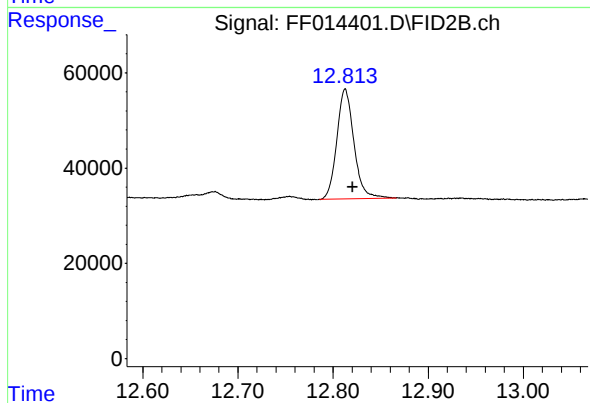
#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 307857
Conc: 2.33 ug/ml



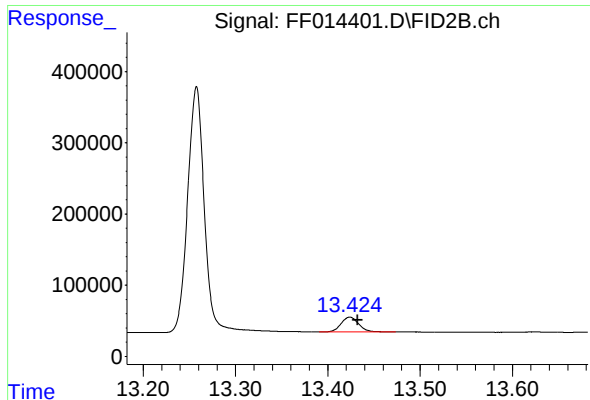
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.008 min
Response: 286172
Conc: 2.28 ug/ml



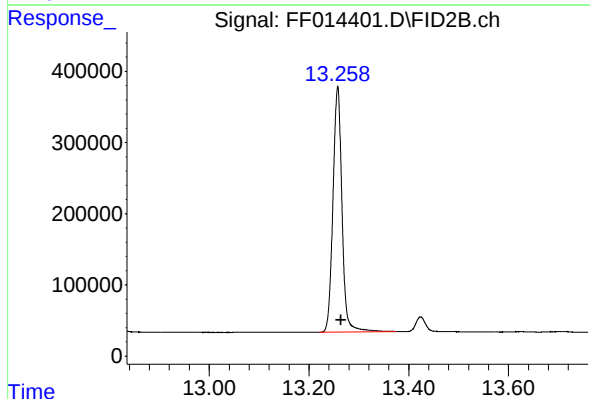
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.009 min
Response: 271732
Conc: 2.22 ug/ml

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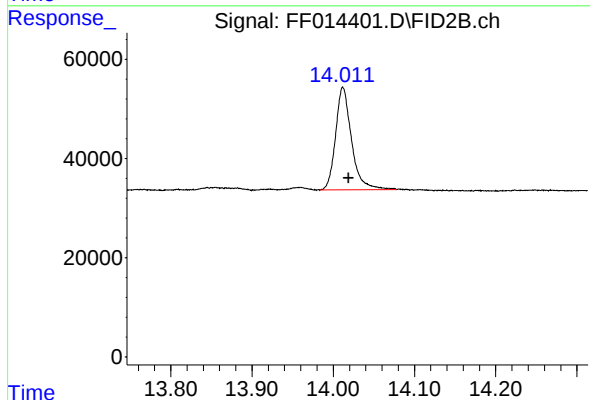
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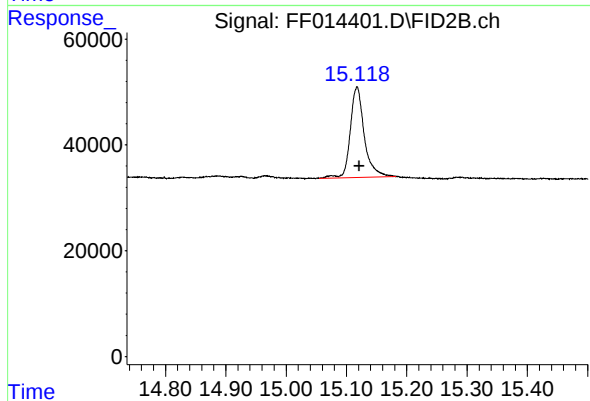
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.006 min
Response: 4347852
Conc: 46.50 ug/ml



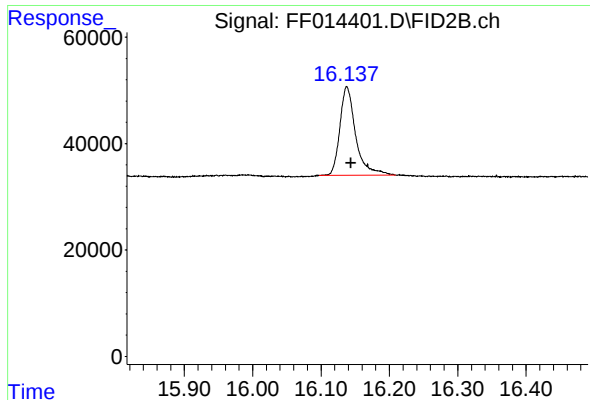
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 283911
Conc: 2.37 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.118 min
Delta R.T.: -0.004 min
Response: 277340
Conc: 2.37 ug/ml



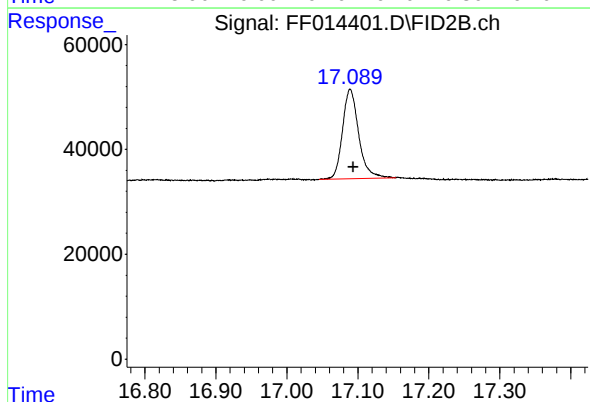
#15 n-Hexacosane (C26)

R.T.: 16.138 min
Delta R.T.: -0.006 min
Response: 268267
Conc: 2.37 ug/ml

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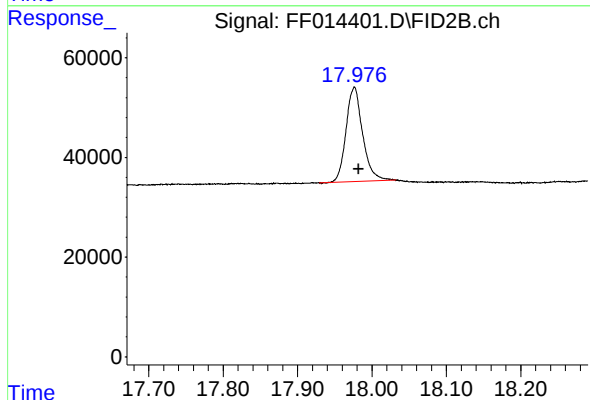
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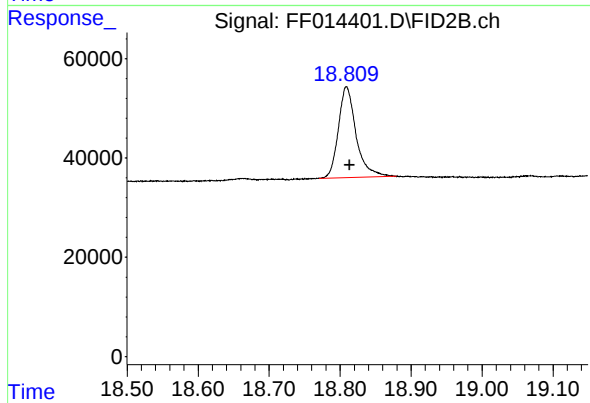
#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.005 min
Response: 269856
Conc: 2.45 ug/ml



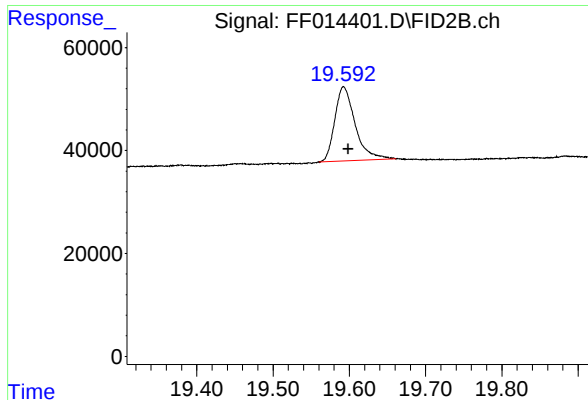
#17 n-Tricontane (C30)

R.T.: 17.976 min
Delta R.T.: -0.006 min
Response: 293907
Conc: 2.63 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.005 min
Response: 317763
Conc: 2.90 ug/ml



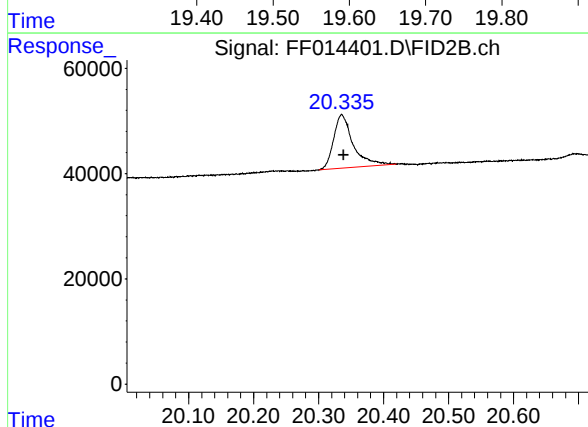
#19 n-Tetratriacontane (C34)

R.T.: 19.592 min
Delta R.T.: -0.006 min
Response: 267965
Conc: 2.61 ug/ml

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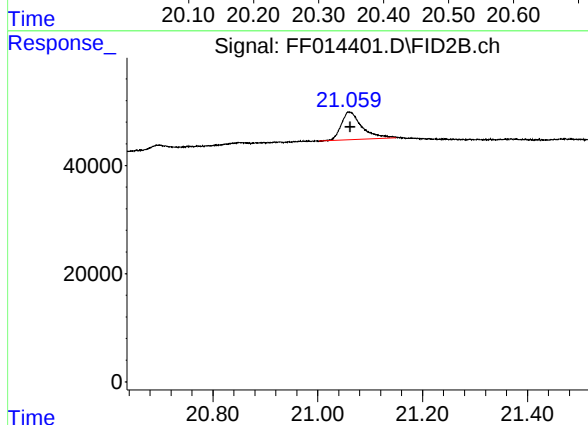
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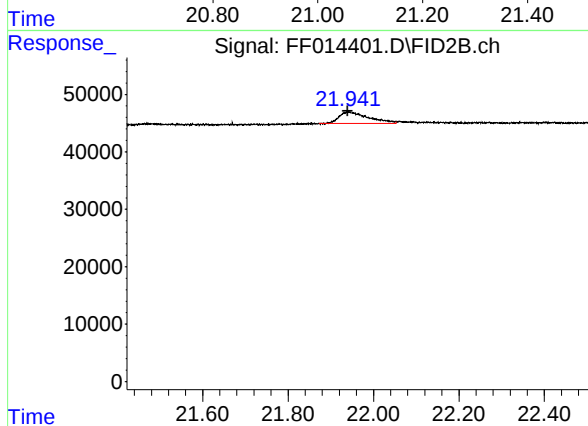
#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.003 min
Response: 212489
Conc: 2.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.003 min
Response: 139334
Conc: 2.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: 0.001 min
Response: 94348
Conc: 2.11 ug/ml m