

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014678.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 10:07
 Operator : YP\AJ
 Sample : P4368-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 01:38:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 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...	13.229	6730780	56.172 ug/ml
Spiked Amount 50.000		Recovery =	112.34%
Target Compounds			
1) T n-Nonane (C9)	3.205	250295	1.990 ug/ml
2) T n-Decane (C10)	4.446	313104	2.459 ug/mlm
4) T n-Dodecane (C12)	6.607	377494	2.925 ug/ml
6) T n-Tetradecane (C14)	8.430	388029	3.022 ug/ml
7) T n-Hexadecane (C16)	10.036	370169	2.813 ug/ml
8) T n-Octadecane (C18)	11.478	389113	2.825 ug/ml
10) T n-Eicosane (C20)	12.784	445145	3.202 ug/ml
11) T n-Heneicosane (C21)	13.394	424431	3.056 ug/ml
13) T n-Docosane (C22)	13.981	429700	3.058 ug/ml
14) T n-Tetracosane (C24)	15.084	416252	2.891 ug/mlm
15) T n-Hexacosane (C26)	16.103	398205	2.741 ug/ml
16) T n-Octacosane (C28)	17.051	417938	2.826 ug/ml
17) T n-Tricontane (C30)	17.937	470533	3.014 ug/ml
18) T n-Dotriacontane (C32)	18.769	546833	3.569 ug/ml
19) T n-Tetratriacontane (C34)	19.552	437069	3.391 ug/ml
20) T n-Hexatriacontane (C36)	20.291	340191	3.286 ug/ml
21) T n-Octatriacontane (C38)	21.011	284809	3.173 ug/ml
22) T n-Tetracontane (C40)	21.900	148098	1.892 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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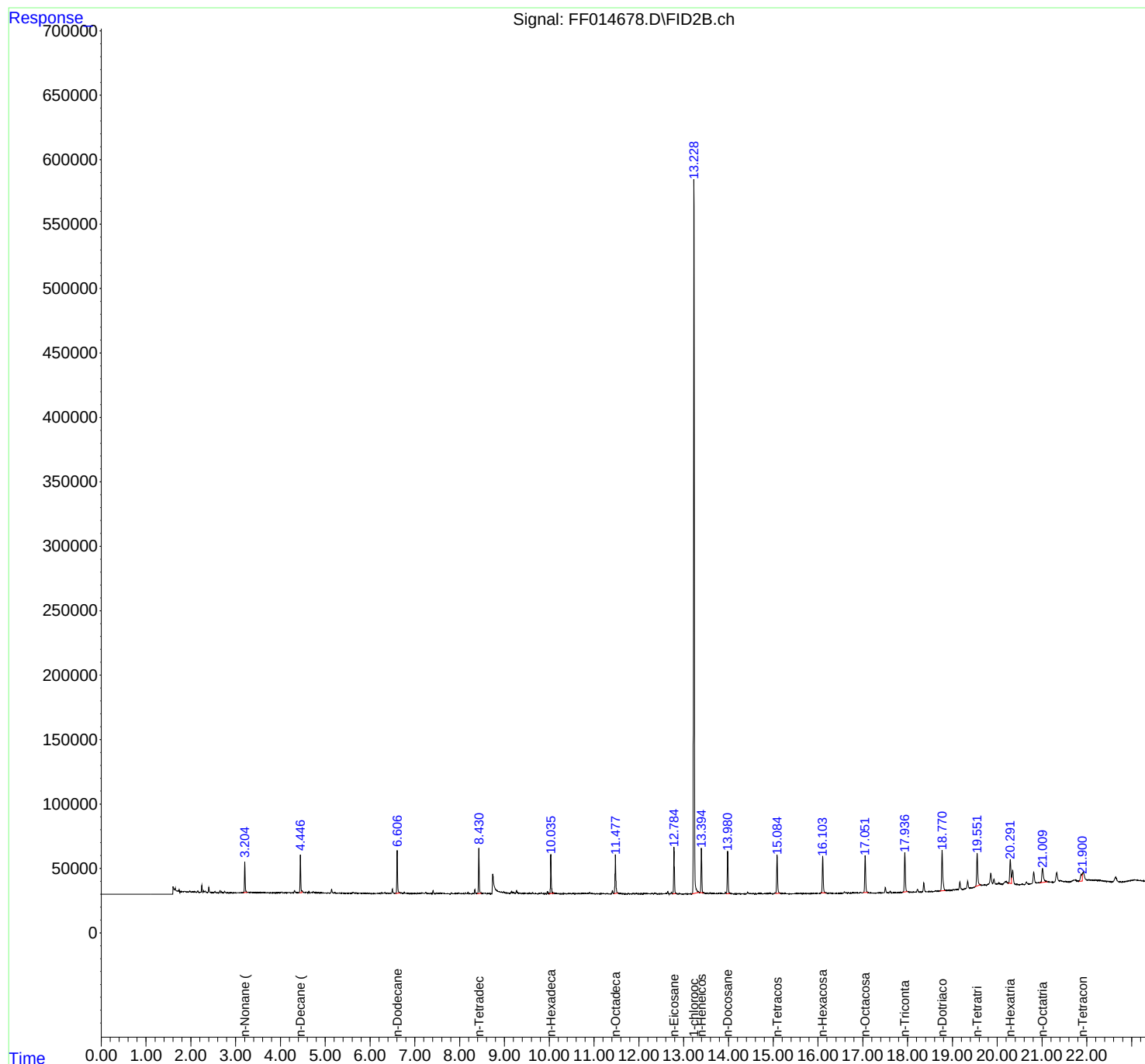
Instrument :
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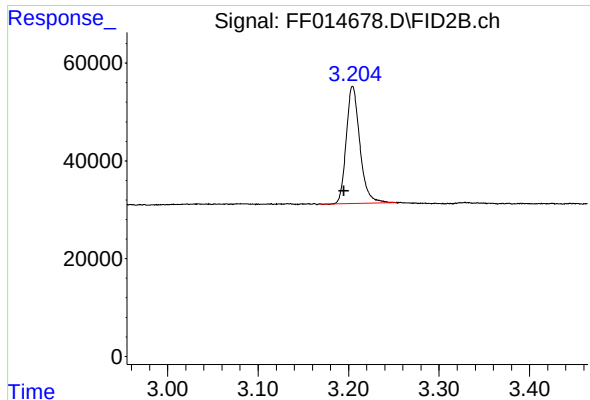
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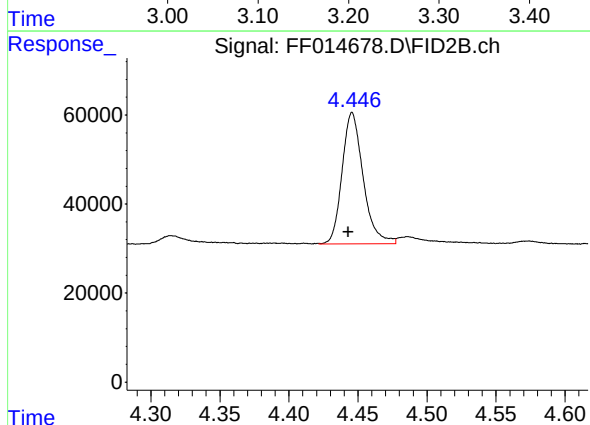
#1 n-Nonane (C9)

R.T.: 3.205 min
Delta R.T.: 0.010 min
Response: 250295
Conc: 1.99 ug/ml

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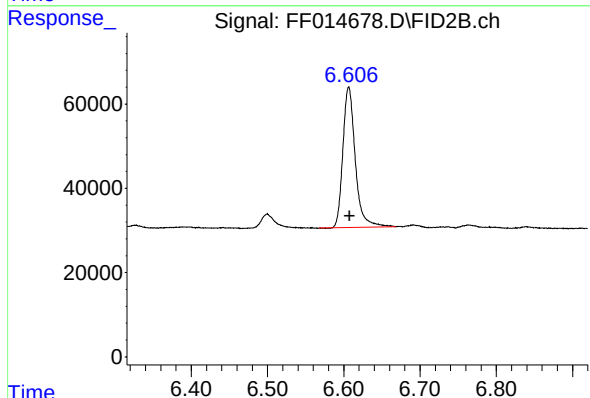
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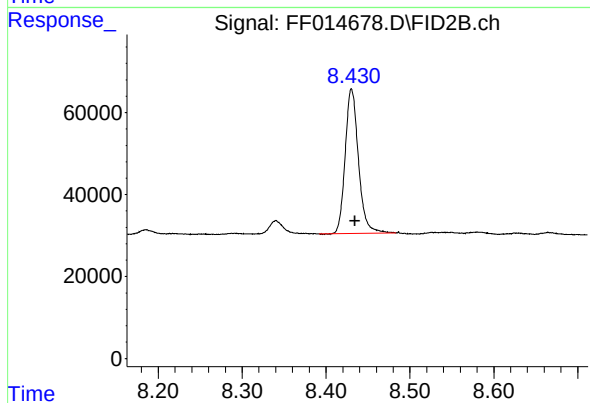
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: 0.003 min
Response: 313104
Conc: 2.46 ug/ml m



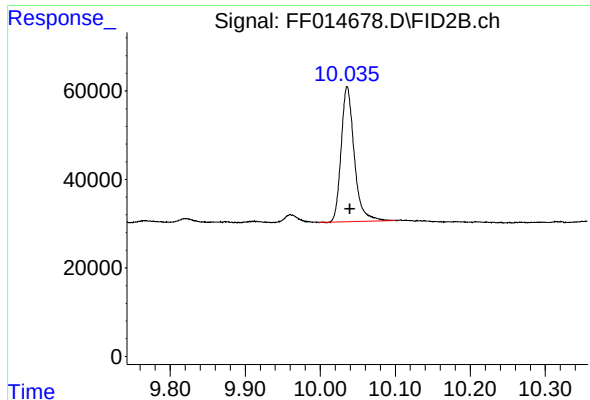
#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 377494
Conc: 2.93 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.430 min
Delta R.T.: -0.004 min
Response: 388029
Conc: 3.02 ug/ml



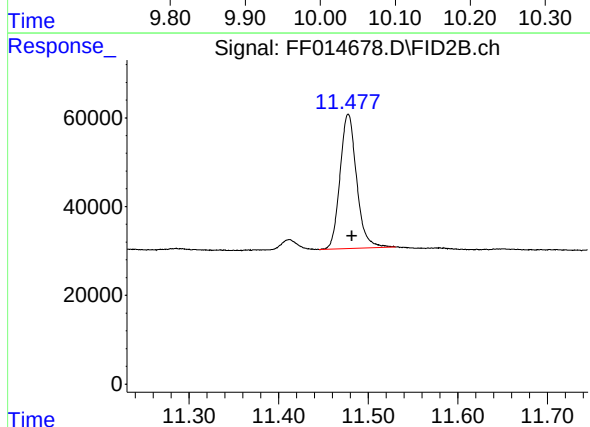
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.004 min
Response: 370169
Conc: 2.81 ug/ml

Instrument : FID_F
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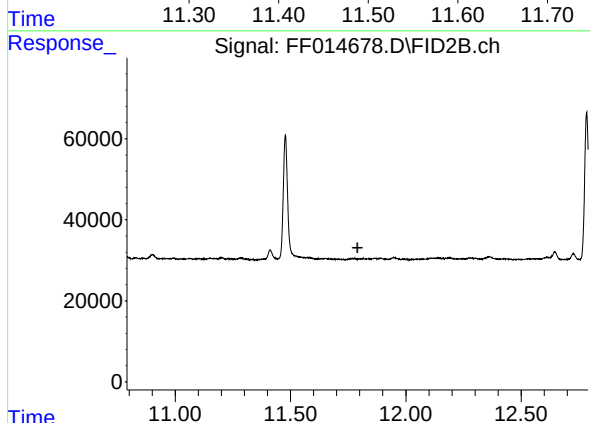
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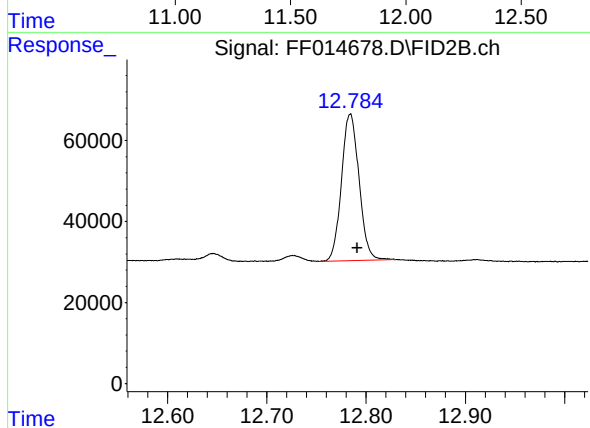
#8 n-Octadecane (C18)

R.T.: 11.478 min
Delta R.T.: -0.004 min
Response: 389113
Conc: 2.82 ug/ml



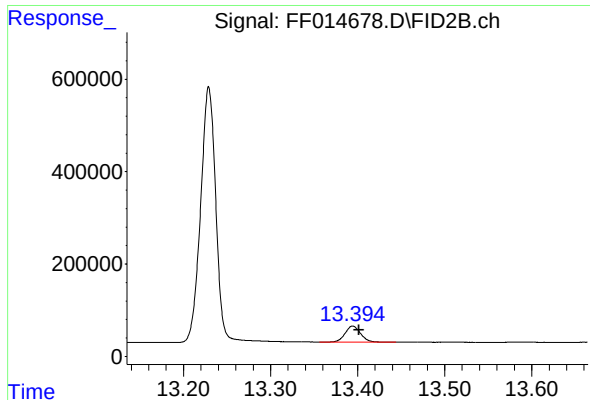
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.791 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.784 min
Delta R.T.: -0.007 min
Response: 445145
Conc: 3.20 ug/ml



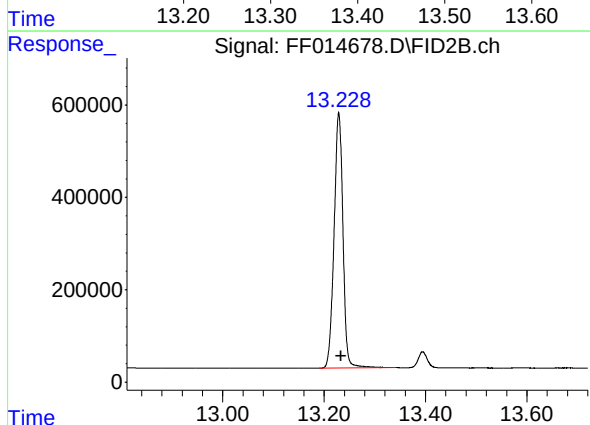
#11 n-Heneicosane (C21)

R.T.: 13.394 min
Delta R.T.: -0.007 min
Response: 424431
Conc: 3.06 ug/ml

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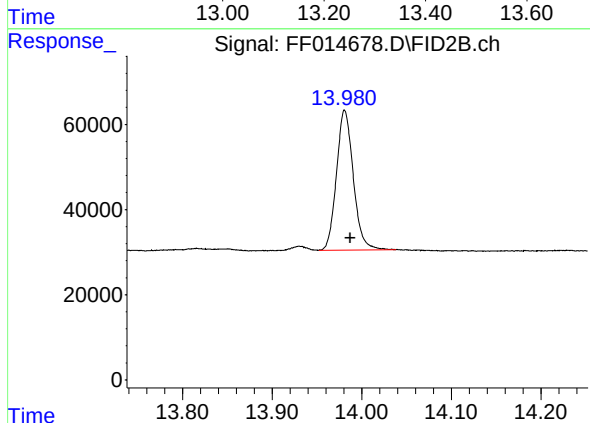
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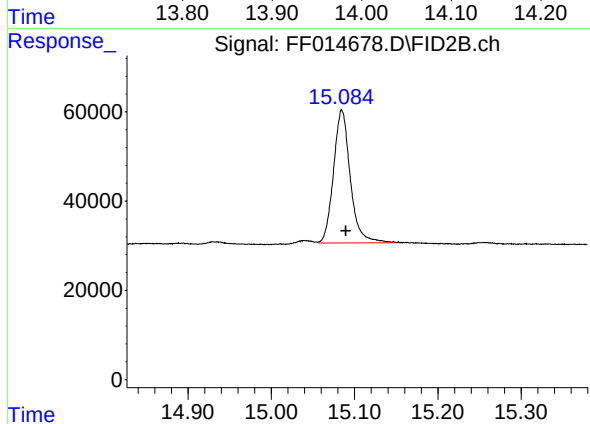
#12 1-chlorooctadecane (SURR)

R.T.: 13.229 min
Delta R.T.: -0.004 min
Response: 6730780
Conc: 56.17 ug/ml



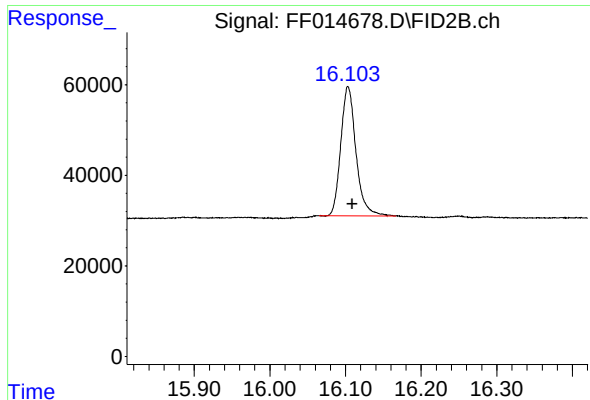
#13 n-Docosane (C22)

R.T.: 13.981 min
Delta R.T.: -0.006 min
Response: 429700
Conc: 3.06 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.084 min
Delta R.T.: -0.006 min
Response: 416252
Conc: 2.89 ug/ml m



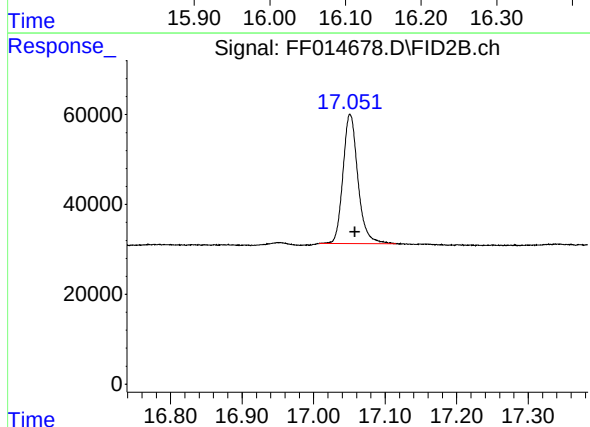
#15 n-Hexacosane (C26)

R.T.: 16.103 min
Delta R.T.: -0.006 min
Response: 398205
Conc: 2.74 ug/ml

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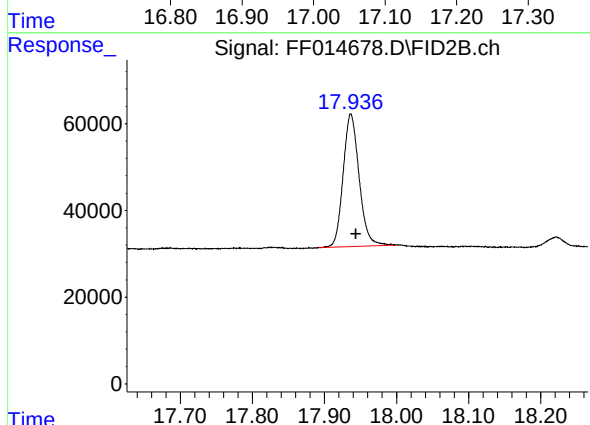
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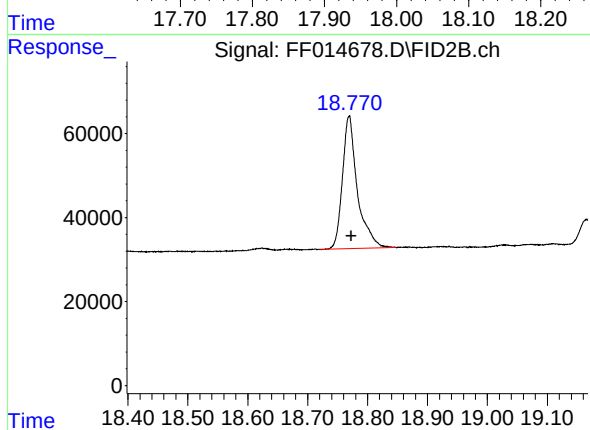
#16 n-Octacosane (C28)

R.T.: 17.051 min
Delta R.T.: -0.006 min
Response: 417938
Conc: 2.83 ug/ml



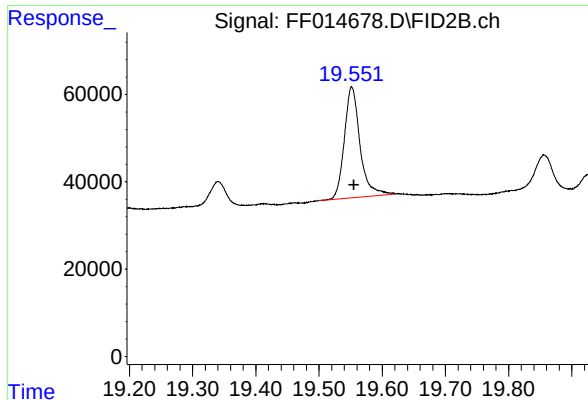
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.007 min
Response: 470533
Conc: 3.01 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.769 min
Delta R.T.: -0.004 min
Response: 546833
Conc: 3.57 ug/ml



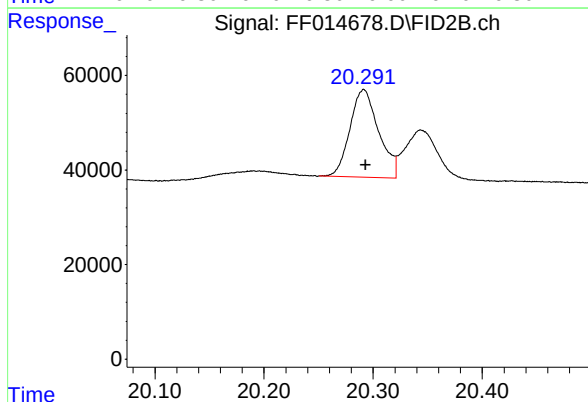
#19 n-Tetratriacontane (C34)

R.T.: 19.552 min
Delta R.T.: -0.004 min
Response: 437069
Conc: 3.39 ug/ml

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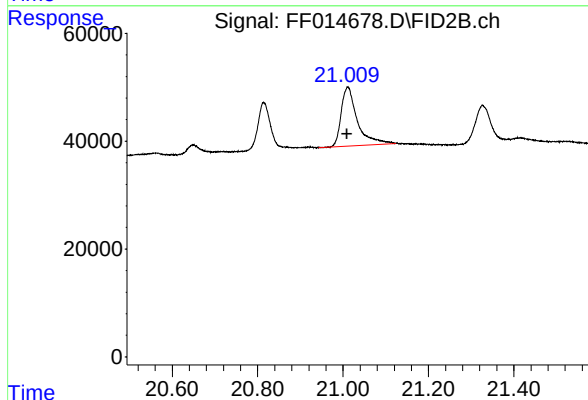
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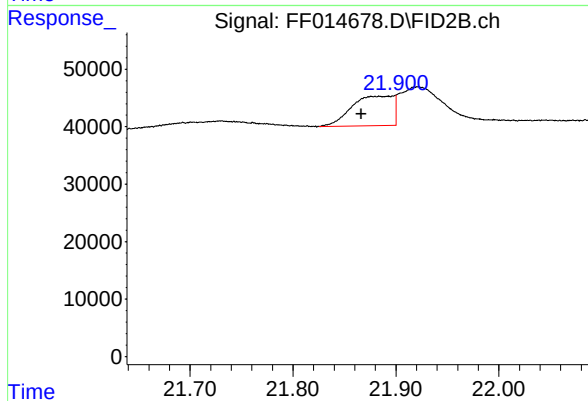
#20 n-Hexatriacontane (C36)

R.T.: 20.291 min
Delta R.T.: -0.002 min
Response: 340191
Conc: 3.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.011 min
Delta R.T.: 0.002 min
Response: 284809
Conc: 3.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.034 min
Response: 148098
Conc: 1.89 ug/ml m