

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101023AL\
 Data File : FG013064.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 10:34
 Operator : YP\AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 11 00:15:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 2023
 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...	13.430	2750259	27.290 ug/ml
Spiked Amount 50.000		Recovery =	54.58%
Target Compounds			
1) T n-Nonane (C9)	3.345	156688	1.312 ug/ml
2) T n-Decane (C10)	4.597	203020	1.665 ug/ml
4) T n-Dodecane (C12)	6.770	251600	2.064 ug/ml
6) T n-Tetradecane (C14)	8.605	222308	1.858 ug/ml
7) T n-Hexadecane (C16)	10.219	225638	1.844 ug/ml
8) T n-Octadecane (C18)	11.667	231885	1.894 ug/ml
10) T n-Eicosane (C20)	12.981	240949	2.064 ug/ml
11) T n-Heneicosane (C21)	13.596	230107	2.015 ug/ml
13) T n-Docosane (C22)	14.184	235070	2.071 ug/ml
14) T n-Tetracosane (C24)	15.289	246495	2.177 ug/mlm
15) T n-Hexacosane (C26)	16.313	241051	2.174 ug/ml
16) T n-Octacosane (C28)	17.266	255106	2.325 ug/ml
17) T n-Tricontane (C30)	18.155	288853	2.523 ug/ml
18) T n-Dotriacontane (C32)	18.990	299169	2.606 ug/ml
19) T n-Tetratriacontane (C34)	19.772	269342	2.407 ug/mlm
20) T n-Hexatriacontane (C36)	20.515	243116	2.132 ug/mlm
21) T n-Octatriacontane (C38)	21.273	226369	1.973 ug/ml
22) T n-Tetracontane (C40)	22.225	246426	2.129 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 04699-09
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ALS Vial : 66 Sample Multiplier: 1

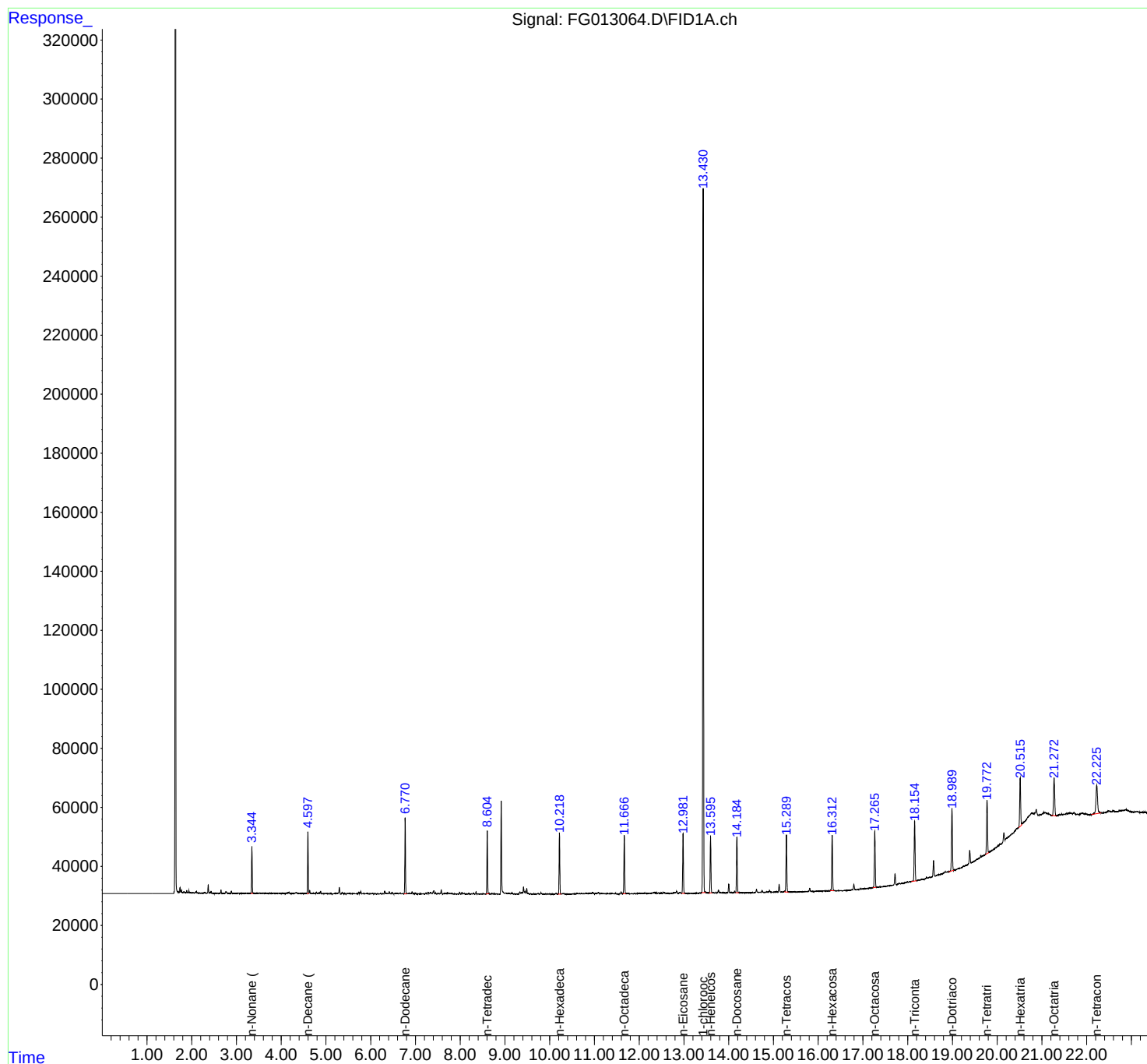
Instrument :
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ClientSampleId :
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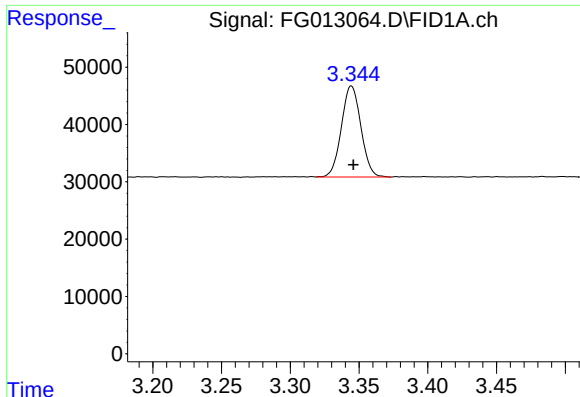
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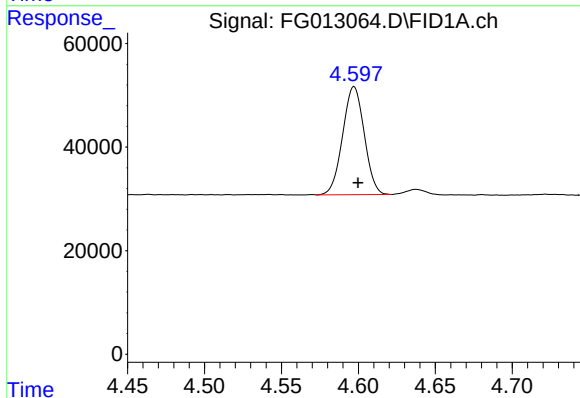
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.002 min
Response: 156688
Conc: 1.31 ug/ml

Instrument : FID_G
ClientSampleId : MDL-WATER-03-QT4-2023

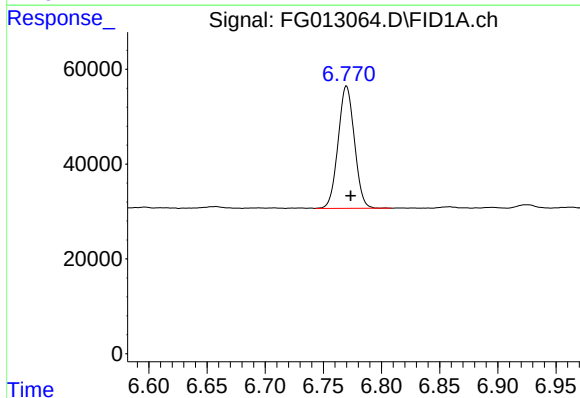
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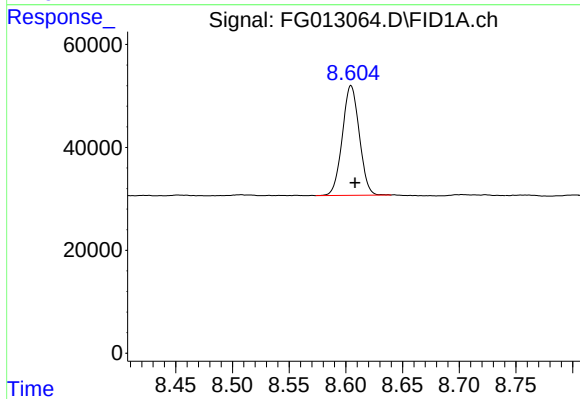
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 203020
Conc: 1.67 ug/ml



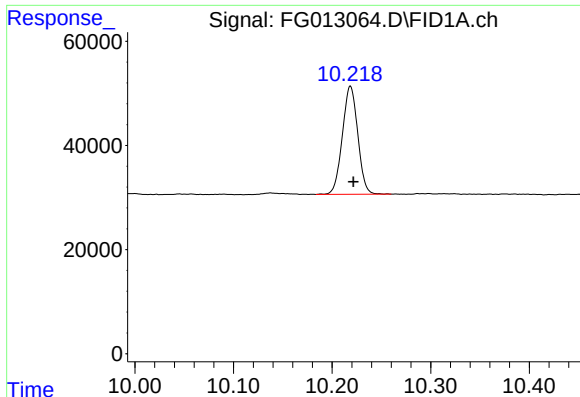
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 251600
Conc: 2.06 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.003 min
Response: 222308
Conc: 1.86 ug/ml



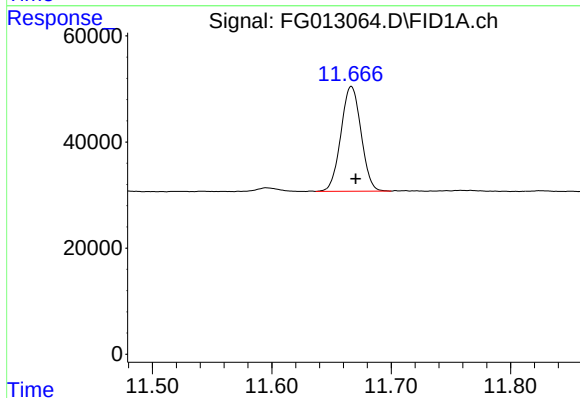
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: -0.003 min
Response: 225638
Conc: 1.84 ug/ml

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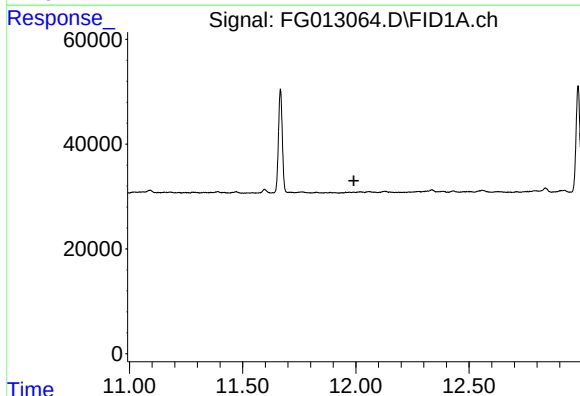
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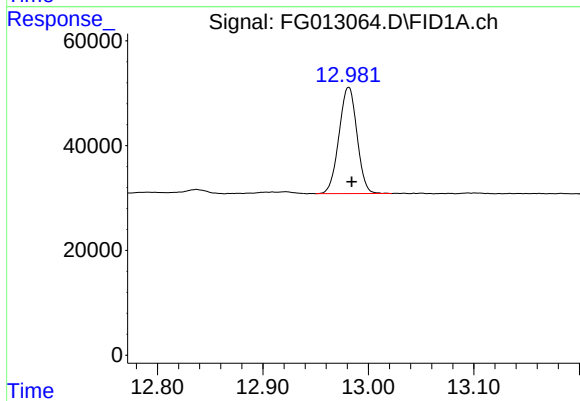
#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: -0.004 min
Response: 231885
Conc: 1.89 ug/ml



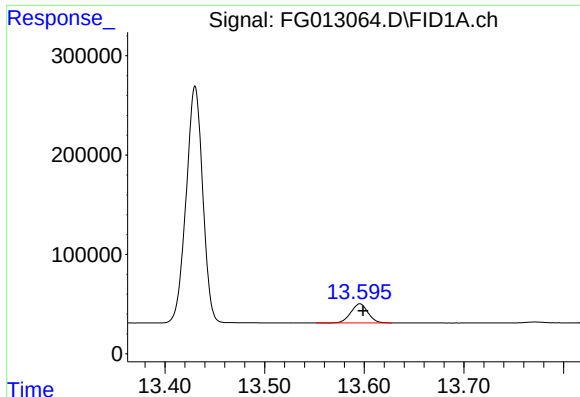
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.991 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: -0.003 min
Response: 240949
Conc: 2.06 ug/ml



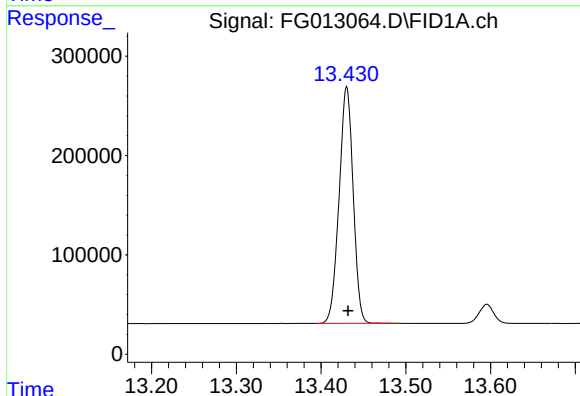
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: -0.003 min
Response: 230107
Conc: 2.02 ug/ml

Instrument :
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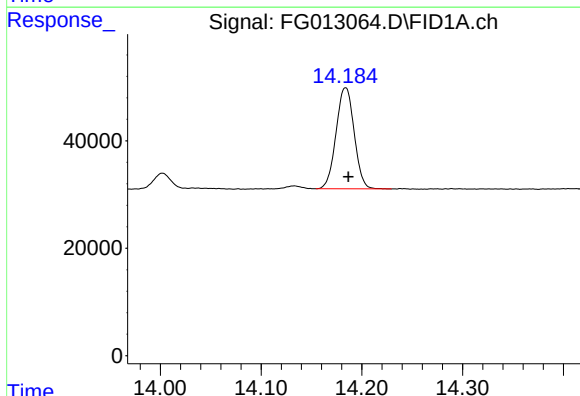
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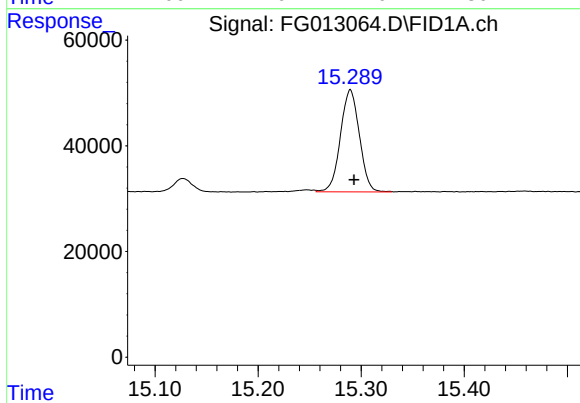
#12 1-chlorooctadecane (SURR)

R.T.: 13.430 min
Delta R.T.: -0.002 min
Response: 2750259
Conc: 27.29 ug/ml



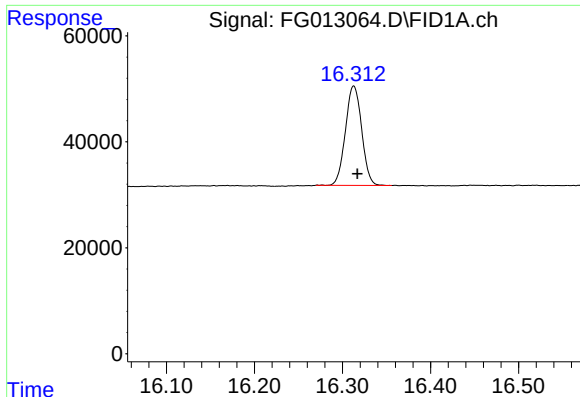
#13 n-Docosane (C22)

R.T.: 14.184 min
Delta R.T.: -0.003 min
Response: 235070
Conc: 2.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.289 min
Delta R.T.: -0.004 min
Response: 246495
Conc: 2.18 ug/ml m



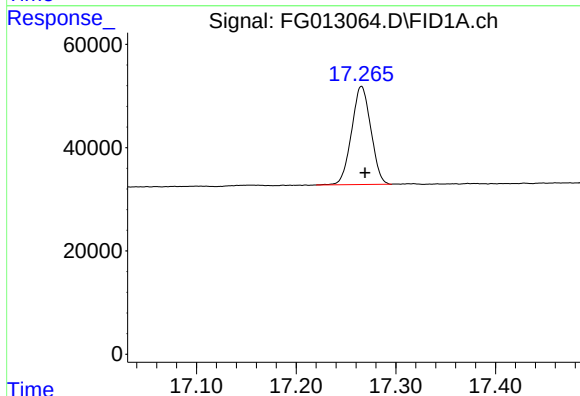
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: -0.004 min
Response: 241051
Conc: 2.17 ug/ml

Instrument :
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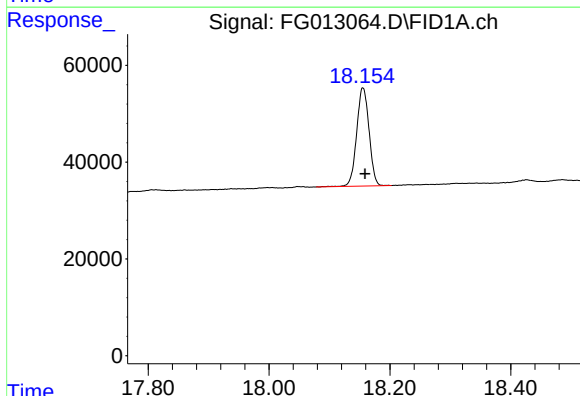
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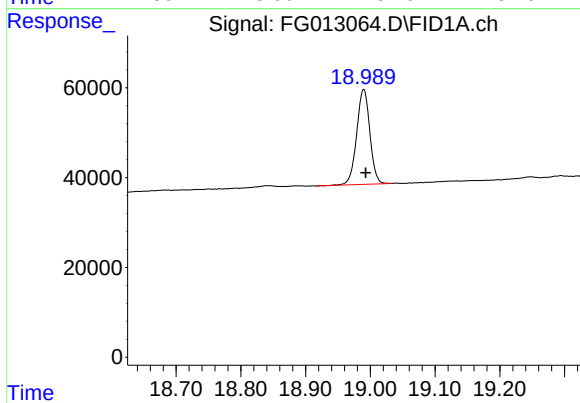
#16 n-Octacosane (C28)

R.T.: 17.266 min
Delta R.T.: -0.003 min
Response: 255106
Conc: 2.33 ug/ml



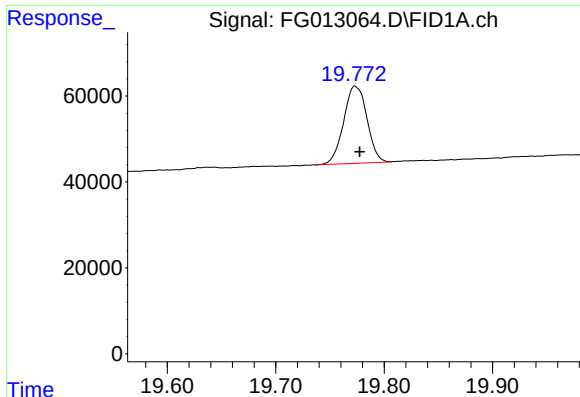
#17 n-Tricontane (C30)

R.T.: 18.155 min
Delta R.T.: -0.004 min
Response: 288853
Conc: 2.52 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: -0.003 min
Response: 299169
Conc: 2.61 ug/ml



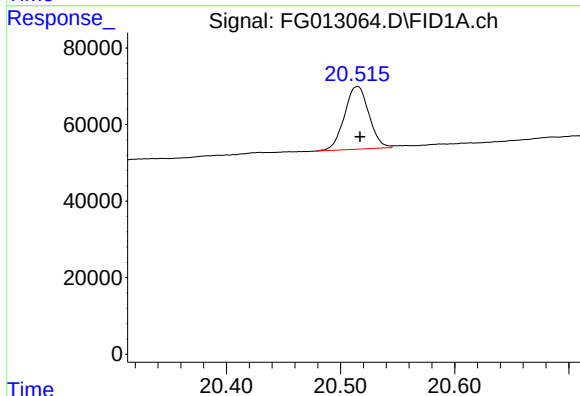
#19 n-Tetratriacontane (C34)

R.T.: 19.772 min
Delta R.T.: -0.005 min
Response: 269342
Conc: 2.41 ug/ml

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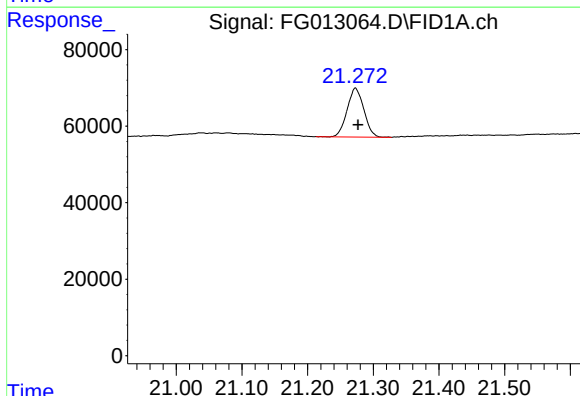
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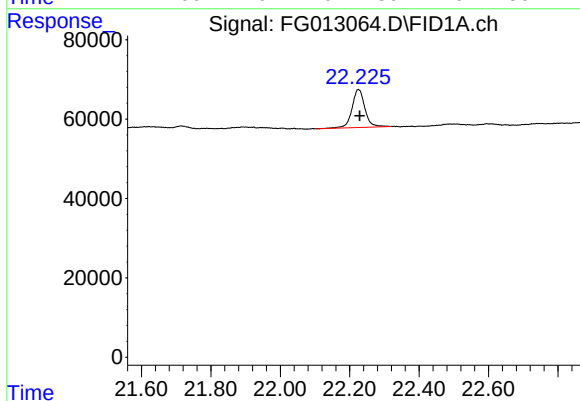
#20 n-Hexatriacontane (C36)

R.T.: 20.515 min
Delta R.T.: -0.002 min
Response: 243116
Conc: 2.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.273 min
Delta R.T.: -0.004 min
Response: 226369
Conc: 1.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.225 min
Delta R.T.: -0.004 min
Response: 246426
Conc: 2.13 ug/ml