

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
 Data File : FG012155.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 13:15
 Operator : YP\AJ
 Sample : 02213-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
 Quant Time: Jun 13 01:18:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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...	12.353	6165719	51.995 ug/ml
Spiked Amount 50.000		Recovery =	103.99%
Target Compounds			
1) T n-Nonane (C9)	2.751	299407	2.600 ug/ml
2) T n-Decane (C10)	3.761	389085	3.299 ug/ml
4) T n-Dodecane (C12)	5.752	484192	4.037 ug/ml
6) T n-Tetradecane (C14)	7.546	452399	3.725 ug/ml
7) T n-Hexadecane (C16)	9.148	506833	3.904 ug/ml
8) T n-Octadecane (C18)	10.592	586892	4.312 ug/ml
10) T n-Eicosane (C20)	11.903	614269	4.552 ug/ml
11) T n-Heneicosane (C21)	12.516	586801	4.366 ug/ml
13) T n-Docosane (C22)	13.103	620831	4.594 ug/ml
14) T n-Tetracosane (C24)	14.209	629630	4.626 ug/mlm
15) T n-Hexacosane (C26)	15.232	610809	4.566 ug/ml
16) T n-Octacosane (C28)	16.183	609085	4.665 ug/ml
17) T n-Tricontane (C30)	17.072	628074	4.762 ug/ml
18) T n-Dotriacontane (C32)	17.906	639067	4.974 ug/ml
19) T n-Tetratriacontane (C34)	18.692	596543	4.869 ug/ml
20) T n-Hexatriacontane (C36)	19.433	530552	4.561 ug/ml
21) T n-Octatriacontane (C38)	20.173	510416	4.543 ug/ml
22) T n-Tetracontane (C40)	21.092	466878	4.333 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 15 Sample Multiplier: 1

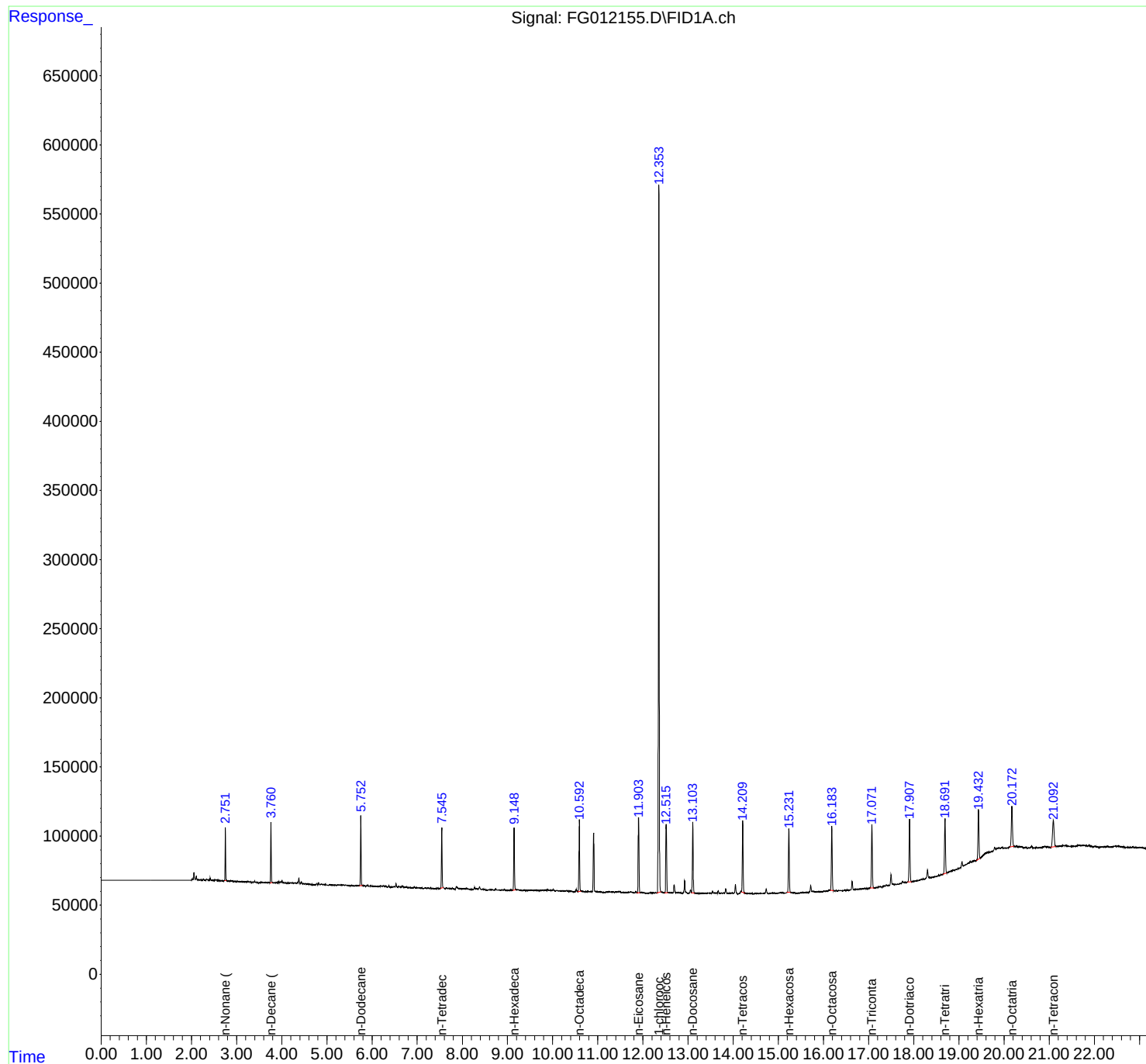
Instrument :
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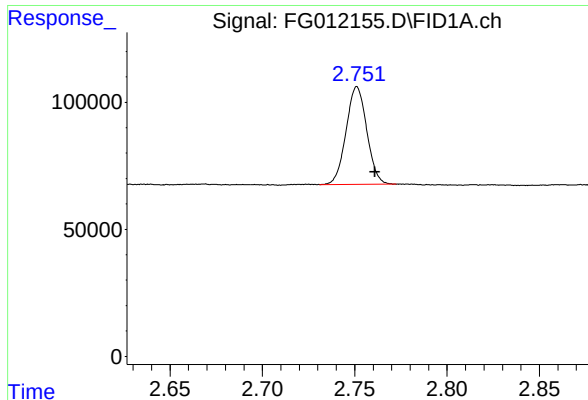
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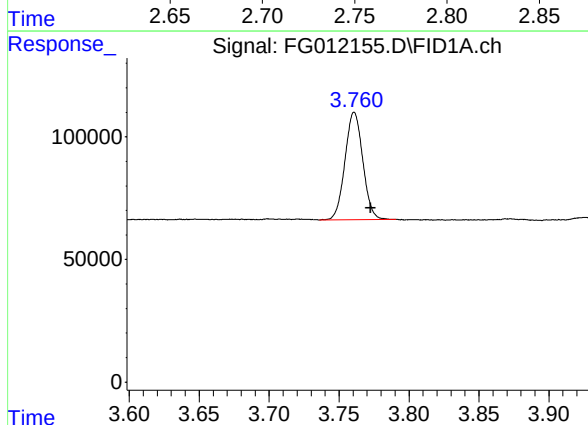
#1 n-Nonane (C9)

R.T.: 2.751 min
Delta R.T.: -0.010 min
Response: 299407
Conc: 2.60 ug/ml

Instrument :
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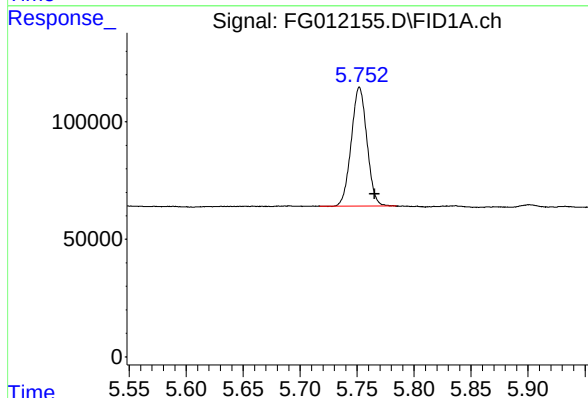
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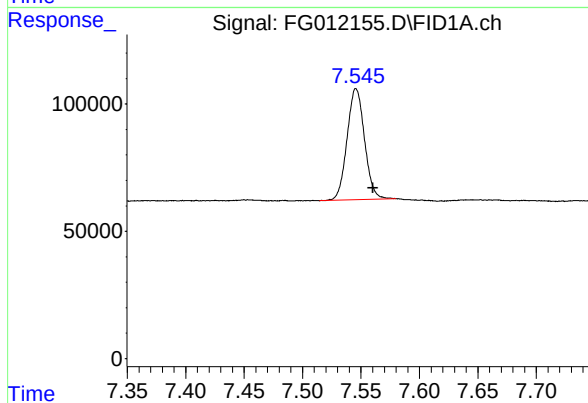
#2 n-Decane (C10)

R.T.: 3.761 min
Delta R.T.: -0.012 min
Response: 389085
Conc: 3.30 ug/ml



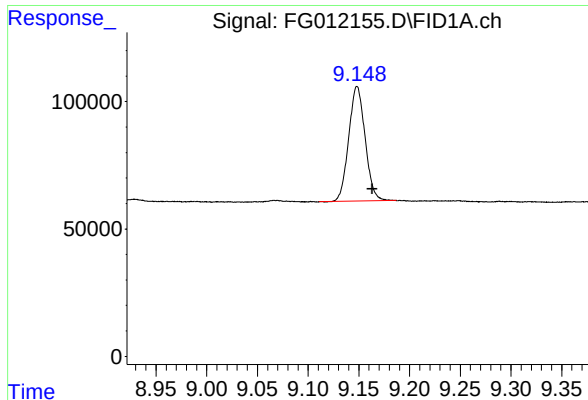
#4 n-Dodecane (C12)

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 484192
Conc: 4.04 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 452399
Conc: 3.73 ug/ml



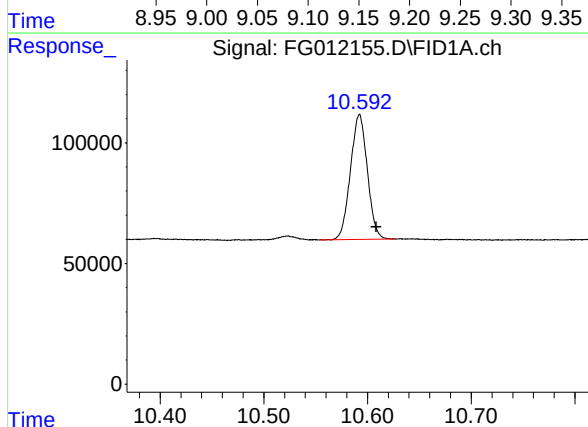
#7 n-Hexadecane (C16)

R.T.: 9.148 min
Delta R.T.: -0.015 min
Response: 506833
Conc: 3.90 ug/ml

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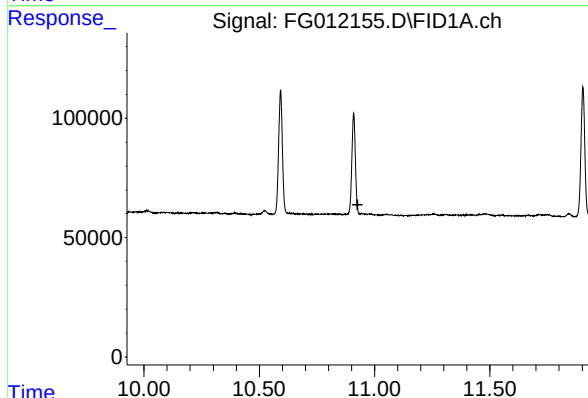
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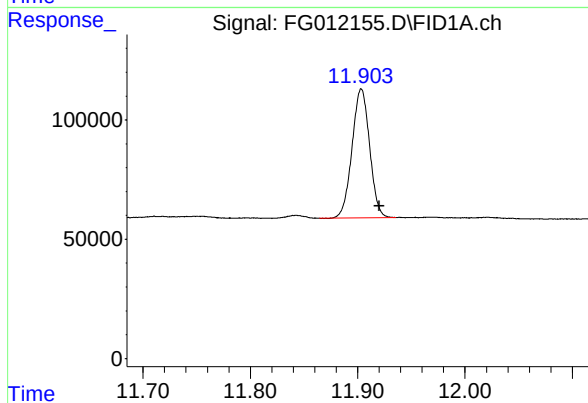
#8 n-Octadecane (C18)

R.T.: 10.592 min
Delta R.T.: -0.016 min
Response: 586892
Conc: 4.31 ug/ml



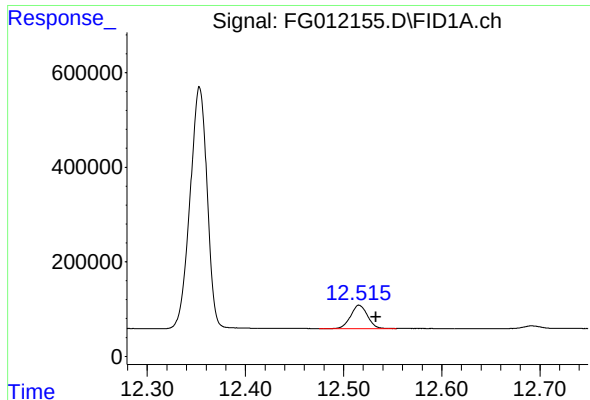
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.903 min
Delta R.T.: -0.017 min
Response: 614269
Conc: 4.55 ug/ml



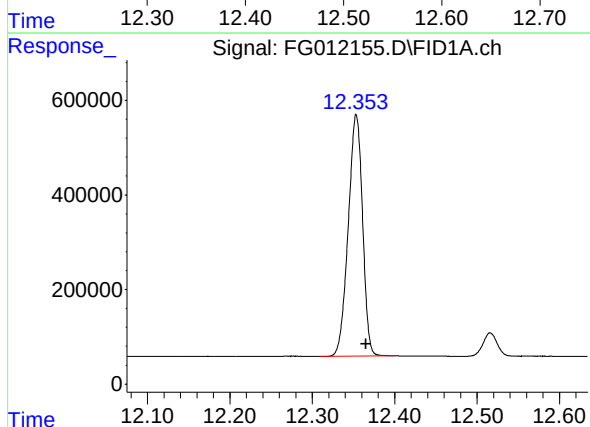
#11 n-Heneicosane (C21)

R.T.: 12.516 min
Delta R.T.: -0.017 min
Response: 586801
Conc: 4.37 ug/ml

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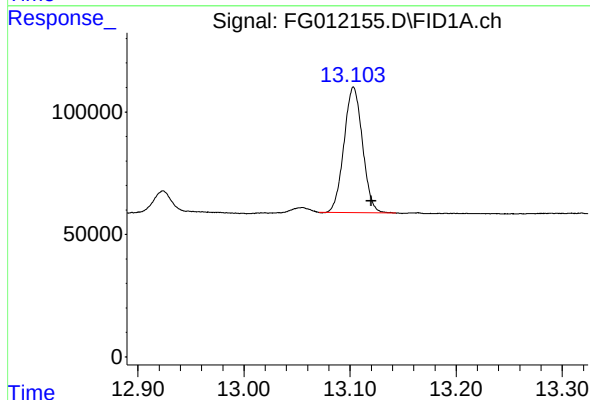
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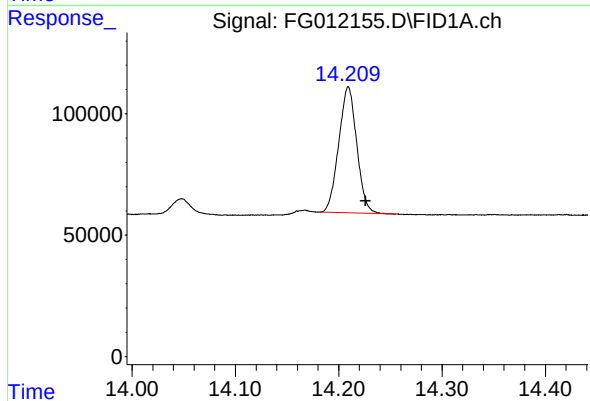
#12 1-chlorooctadecane (SURR)

R.T.: 12.353 min
Delta R.T.: -0.012 min
Response: 6165719
Conc: 52.00 ug/ml



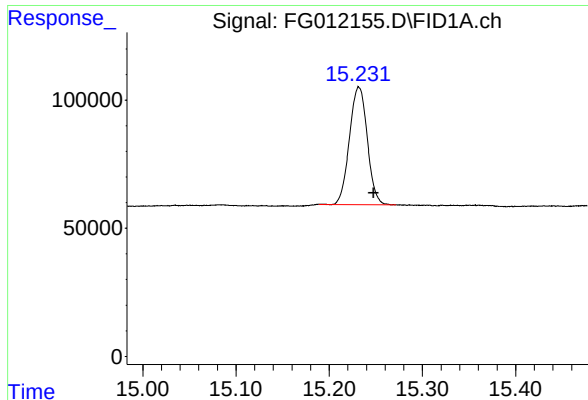
#13 n-Docosane (C22)

R.T.: 13.103 min
Delta R.T.: -0.017 min
Response: 620831
Conc: 4.59 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.209 min
Delta R.T.: -0.017 min
Response: 629630
Conc: 4.63 ug/ml m



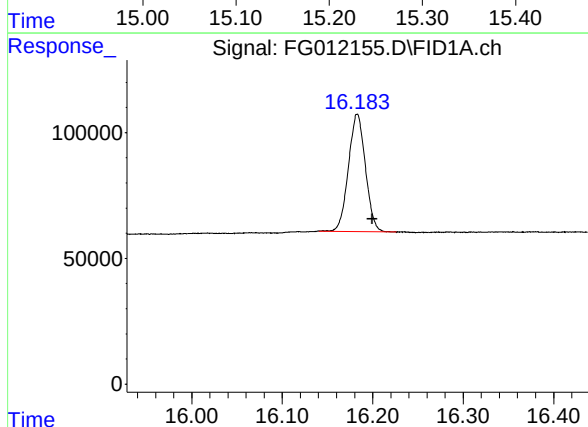
#15 n-Hexacosane (C26)

R.T.: 15.232 min
Delta R.T.: -0.016 min
Response: 610809
Conc: 4.57 ug/ml

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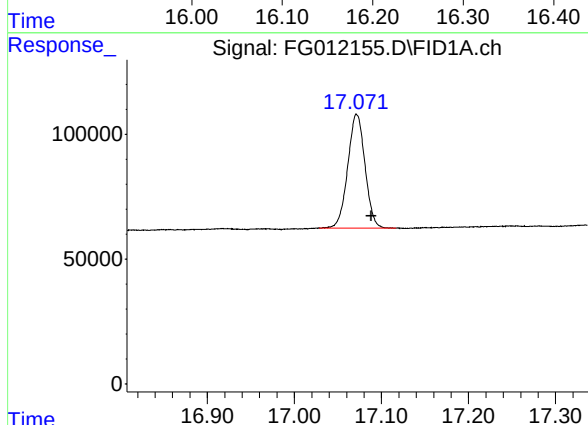
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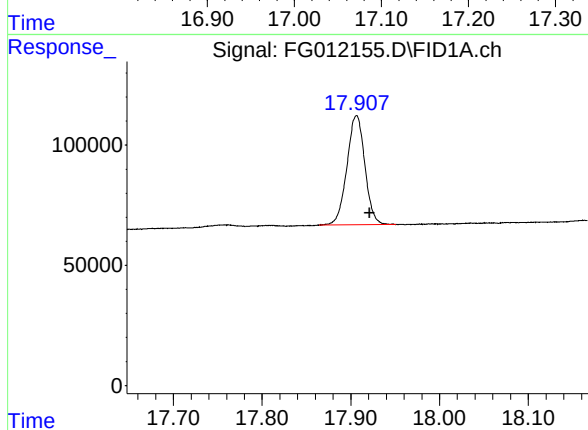
#16 n-Octacosane (C28)

R.T.: 16.183 min
Delta R.T.: -0.017 min
Response: 609085
Conc: 4.67 ug/ml



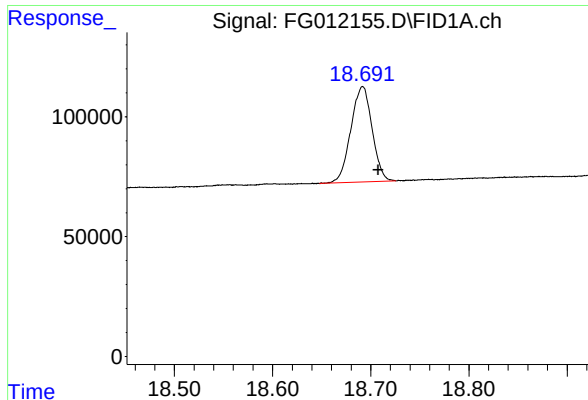
#17 n-Tricontane (C30)

R.T.: 17.072 min
Delta R.T.: -0.017 min
Response: 628074
Conc: 4.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.906 min
Delta R.T.: -0.015 min
Response: 639067
Conc: 4.97 ug/ml



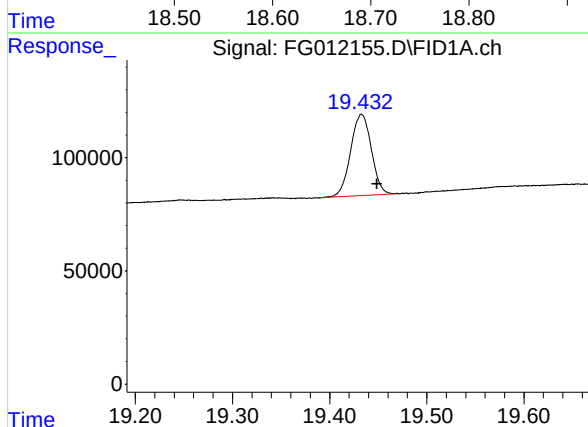
#19 n-Tetratriacontane (C34)

R.T.: 18.692 min
Delta R.T.: -0.016 min
Response: 596543
Conc: 4.87 ug/ml

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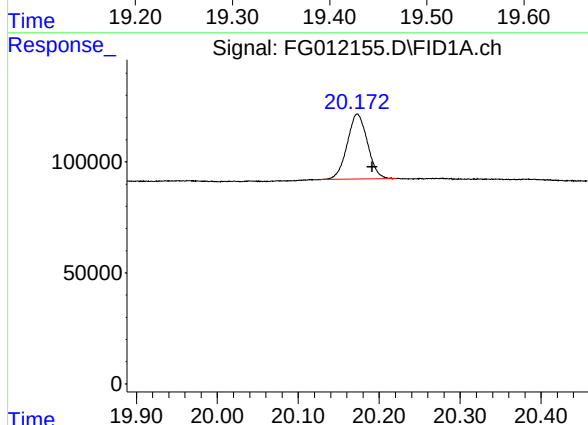
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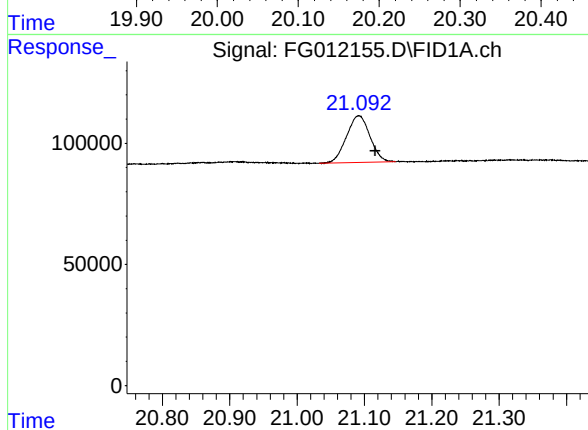
#20 n-Hexatriacontane (C36)

R.T.: 19.433 min
Delta R.T.: -0.016 min
Response: 530552
Conc: 4.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.173 min
Delta R.T.: -0.019 min
Response: 510416
Conc: 4.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.092 min
Delta R.T.: -0.024 min
Response: 466878
Conc: 4.33 ug/ml