

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061623AL\
 Data File : FG012195.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2023 19:36
 Operator : YP\AJ
 Sample : 03255-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 EPH-SB-24MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :Ankita Jodhani 06/19/2023

Integration File: autoint1.e
 Quant Time: Jun 16 23:38:50 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...	12.350	6972585	58.800 ug/ml
Spiked Amount 50.000		Recovery =	117.60%
Target Compounds			
1) T n-Nonane (C9)	2.749	3615238	31.400 ug/ml
2) T n-Decane (C10)	3.759	4650731	39.427 ug/ml
4) T n-Dodecane (C12)	5.751	5813570	48.470 ug/ml
6) T n-Tetradecane (C14)	7.546	6827058	56.220 ug/ml
7) T n-Hexadecane (C16)	9.149	7844476	60.419 ug/ml
8) T n-Octadecane (C18)	10.593	8234001	60.492 ug/ml
10) T n-Eicosane (C20)	11.904	8209248	60.831 ug/ml
11) T n-Heneicosane (C21)	12.518	7857588	58.460 ug/ml
13) T n-Docosane (C22)	13.105	7747360	57.333 ug/ml
14) T n-Tetracosane (C24)	14.209	7522347	55.272 ug/ml
15) T n-Hexacosane (C26)	15.232	7411383	55.402 ug/ml
16) T n-Octacosane (C28)	16.184	7315801	56.037 ug/mlm
17) T n-Tricontane (C30)	17.072	7344117	55.684 ug/mlm
18) T n-Dotriacontane (C32)	17.907	7192259	55.984 ug/ml
19) T n-Tetratriacontane (C34)	18.693	7514886	61.332 ug/ml
20) T n-Hexatriacontane (C36)	19.433	6790994	58.375 ug/mlm
21) T n-Octatriacontane (C38)	20.176	6790873	60.441 ug/mlm
22) T n-Tetracontane (C40)	21.092	6743517	62.589 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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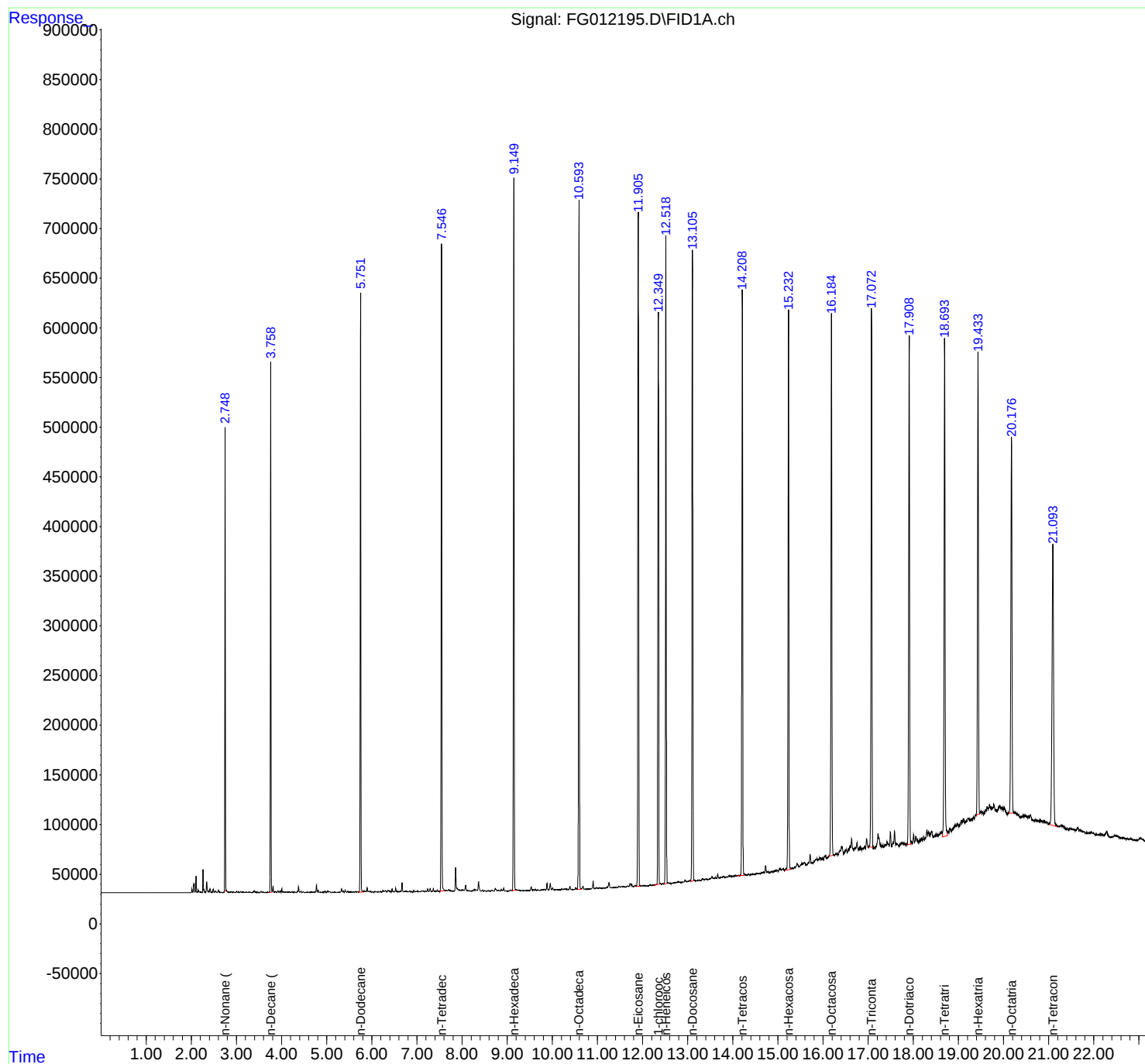
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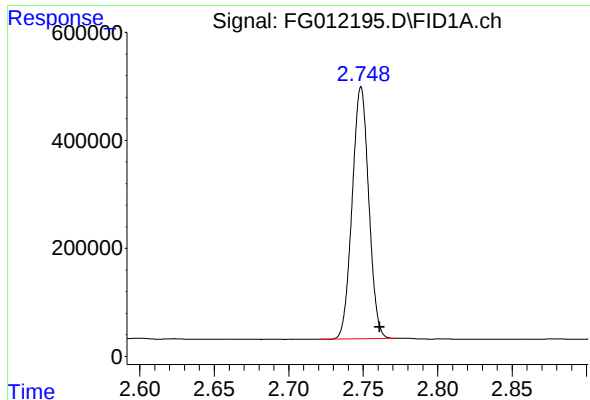
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#1 n-Nonane (C9)

R.T.: 2.749 min
Delta R.T.: -0.012 min
Response: 3615238
Conc: 31.40 ug/ml

Instrument :

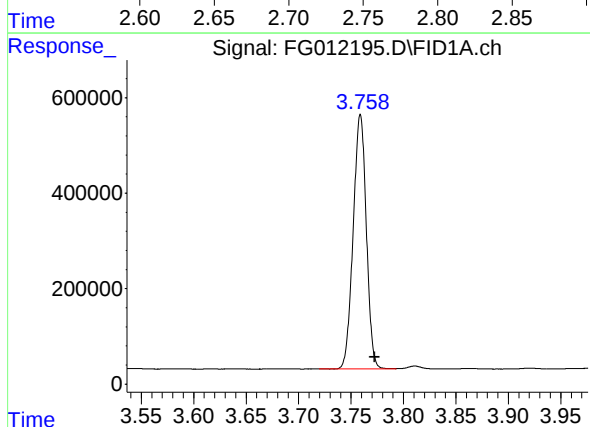
FID_G

ClientSampleId :

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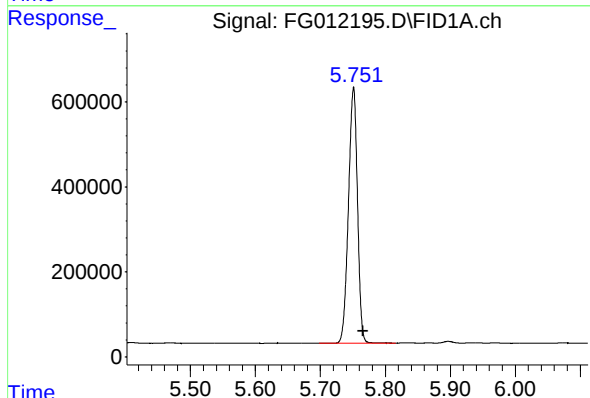
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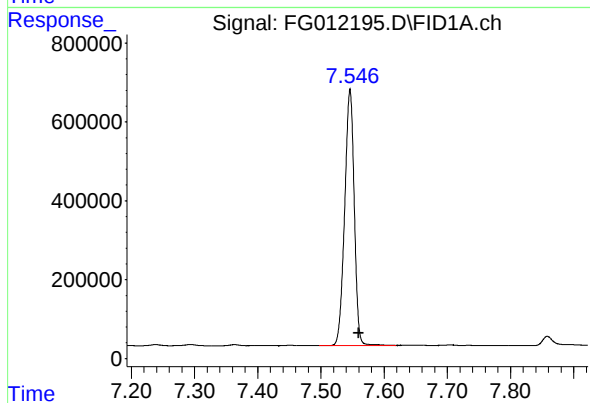
#2 n-Decane (C10)

R.T.: 3.759 min
Delta R.T.: -0.013 min
Response: 4650731
Conc: 39.43 ug/ml



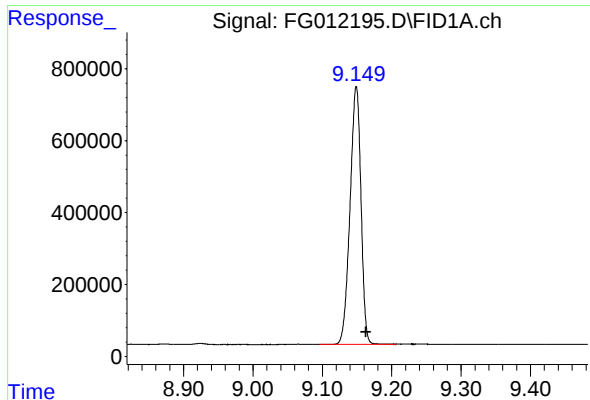
#4 n-Dodecane (C12)

R.T.: 5.751 min
Delta R.T.: -0.014 min
Response: 5813570
Conc: 48.47 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 6827058
Conc: 56.22 ug/ml



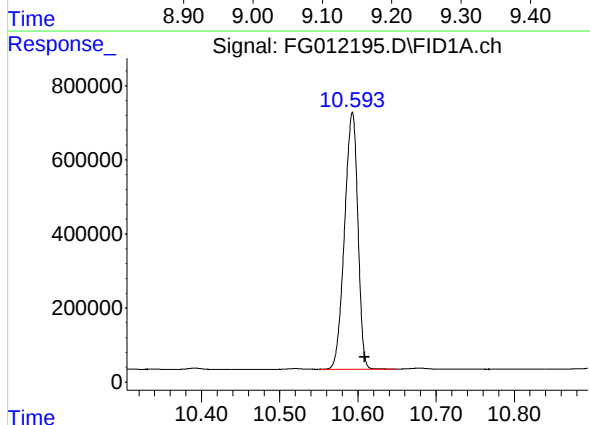
#7 n-Hexadecane (C16)

R.T.: 9.149 min
Delta R.T.: -0.014 min
Response: 7844476
Conc: 60.42 ug/ml

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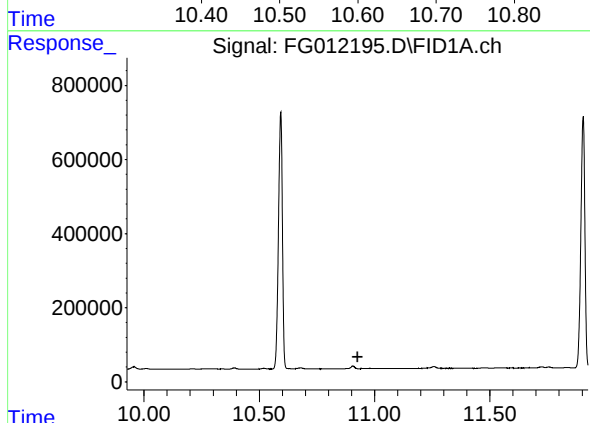
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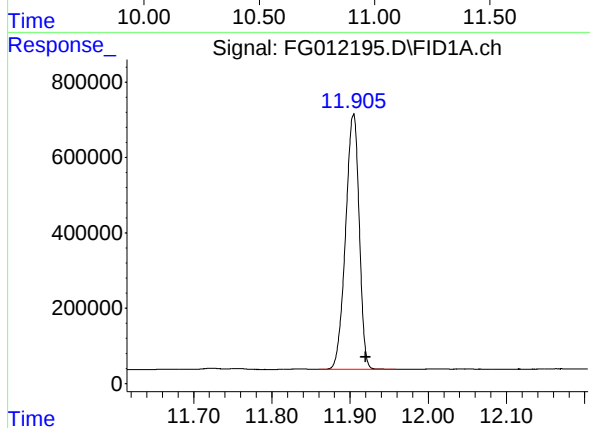
#8 n-Octadecane (C18)

R.T.: 10.593 min
Delta R.T.: -0.016 min
Response: 8234001
Conc: 60.49 ug/ml



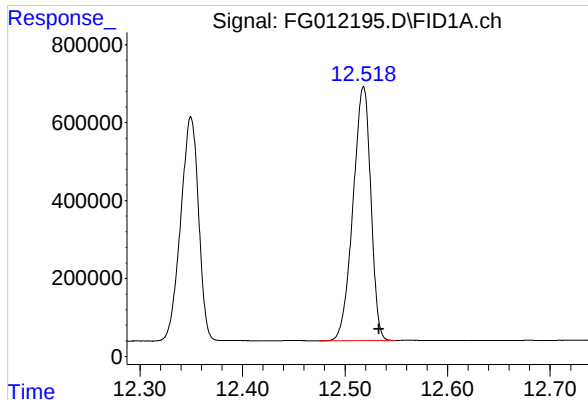
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.904 min
Delta R.T.: -0.016 min
Response: 8209248
Conc: 60.83 ug/ml



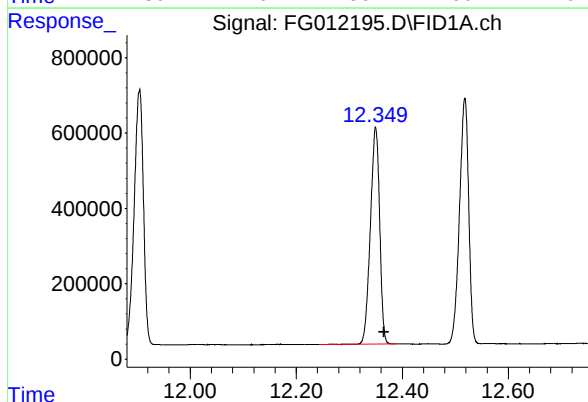
#11 n-Heneicosane (C21)

R.T.: 12.518 min
Delta R.T.: -0.015 min
Response: 7857588
Conc: 58.46 ug/ml

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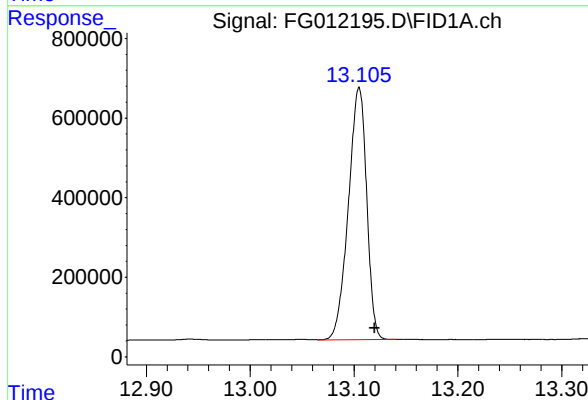
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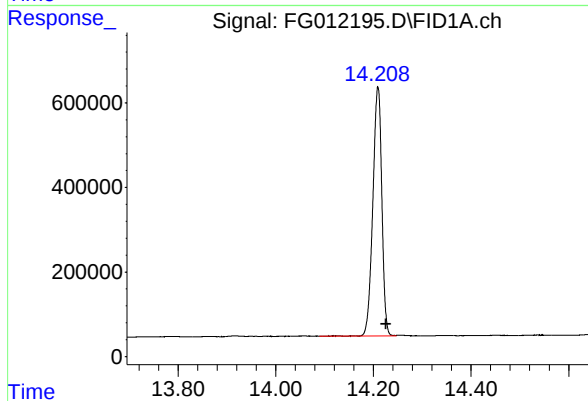
#12 1-chlorooctadecane (SURR)

R.T.: 12.350 min
Delta R.T.: -0.016 min
Response: 6972585
Conc: 58.80 ug/ml



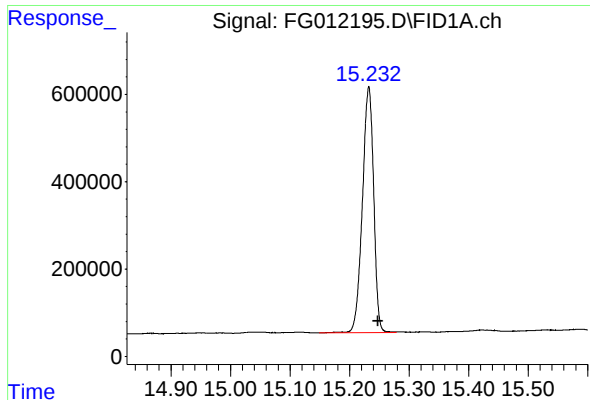
#13 n-Docosane (C22)

R.T.: 13.105 min
Delta R.T.: -0.015 min
Response: 7747360
Conc: 57.33 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.209 min
Delta R.T.: -0.016 min
Response: 7522347
Conc: 55.27 ug/ml



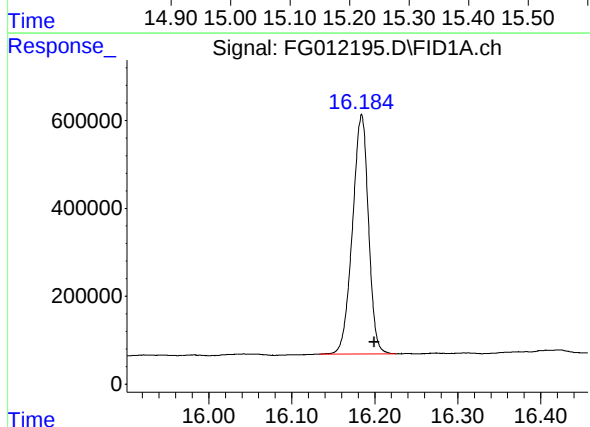
#15 n-Hexacosane (C26)

R.T.: 15.232 min
Delta R.T.: -0.015 min
Response: 7411383
Conc: 55.40 ug/ml

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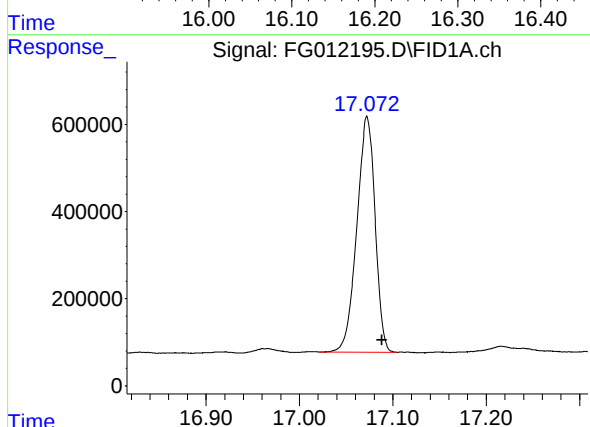
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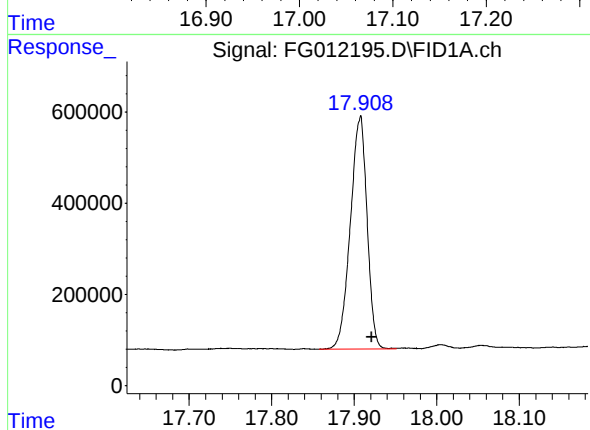
#16 n-Octacosane (C28)

R.T.: 16.184 min
Delta R.T.: -0.016 min
Response: 7315801
Conc: 56.04 ug/ml m



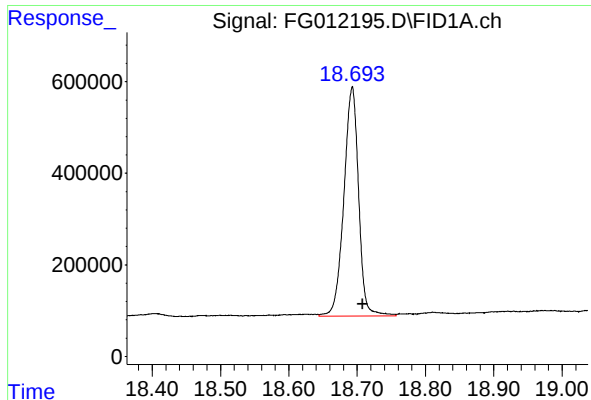
#17 n-Tricontane (C30)

R.T.: 17.072 min
Delta R.T.: -0.016 min
Response: 7344117
Conc: 55.68 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.907 min
Delta R.T.: -0.014 min
Response: 7192259
Conc: 55.98 ug/ml



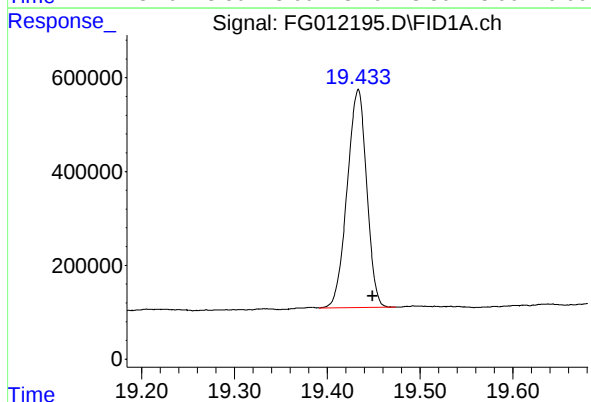
#19 n-Tetratriacontane (C34)

R.T.: 18.693 min
Delta R.T.: -0.015 min
Response: 7514886
Conc: 61.33 ug/ml

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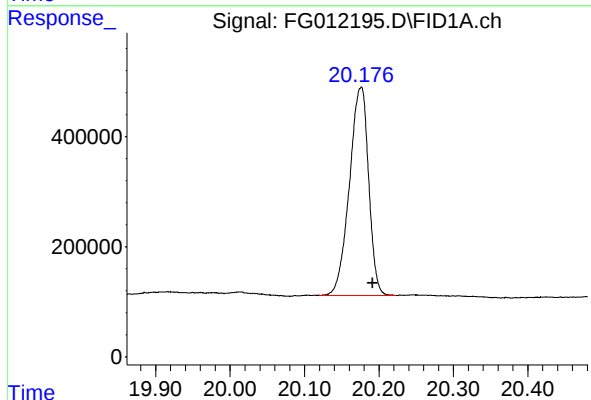
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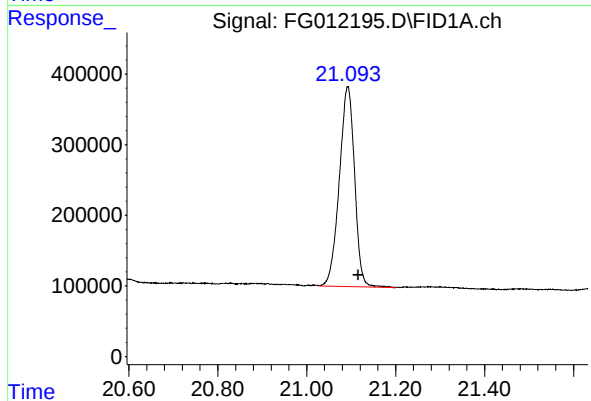
#20 n-Hexatriacontane (C36)

R.T.: 19.433 min
Delta R.T.: -0.015 min
Response: 6790994
Conc: 58.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.176 min
Delta R.T.: -0.015 min
Response: 6790873
Conc: 60.44 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.092 min
Delta R.T.: -0.024 min
Response: 6743517
Conc: 62.59 ug/ml