

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082923AL\
 Data File : FG012810.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2023 17:39
 Operator : YP\AJ
 Sample : 04196-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 OR-345-02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :Ankita Jodhani 08/30/2023

Integration File: autoint1.e
 Quant Time: Aug 29 23:15:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 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			
9) S ortho-Terphenyl (SURR)	11.982	2911595	21.597 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
12) S 1-chlorooctadecane (S...	13.421	2336169	22.398 ug/ml
Spiked Amount 50.000		Recovery =	44.80%
Target Compounds			
1) T n-Nonane (C9)	3.350	3773495	36.328 ug/ml
2) T n-Decane (C10)	4.601	4360324	41.569 ug/ml
3) T A~Naphthalene (C11.7)	6.307	4946261	43.379 ug/ml
4) T n-Dodecane (C12)	6.771	4736246	44.342 ug/ml
5) T A~2-methylnaphthalene...	7.406	4989513	43.575 ug/ml
6) T n-Tetradecane (C14)	8.605	4907216	45.671 ug/ml
7) T n-Hexadecane (C16)	10.217	5296441	48.683 ug/ml
8) T n-Octadecane (C18)	11.665	5667247	51.367 ug/ml
10) T n-Eicosane (C20)	12.979	5850620	53.021 ug/ml
11) T n-Heneicosane (C21)	13.592	5643050	51.130 ug/ml
13) T n-Docosane (C22)	14.179	5575290	50.926 ug/ml
14) T n-Tetracosane (C24)	15.283	3631327	33.653 ug/mlm
15) T n-Hexacosane (C26)	16.310	5186915	49.388 ug/ml
16) T n-Octacosane (C28)	17.260	5076931	50.146 ug/ml
17) T n-Tricontane (C30)	18.149	4903310	49.226 ug/ml
18) T n-Dotriacontane (C32)	18.982	4631487	46.859 ug/ml
19) T n-Tetratriacontane (C34)	19.765	4262803	46.329 ug/ml
20) T n-Hexatriacontane (C36)	20.505	3881580	43.234 ug/ml
21) T n-Octatriacontane (C38)	21.260	3864970	45.514 ug/ml
22) T n-Tetracontane (C40)	22.210	3886568	47.611 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 04196-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

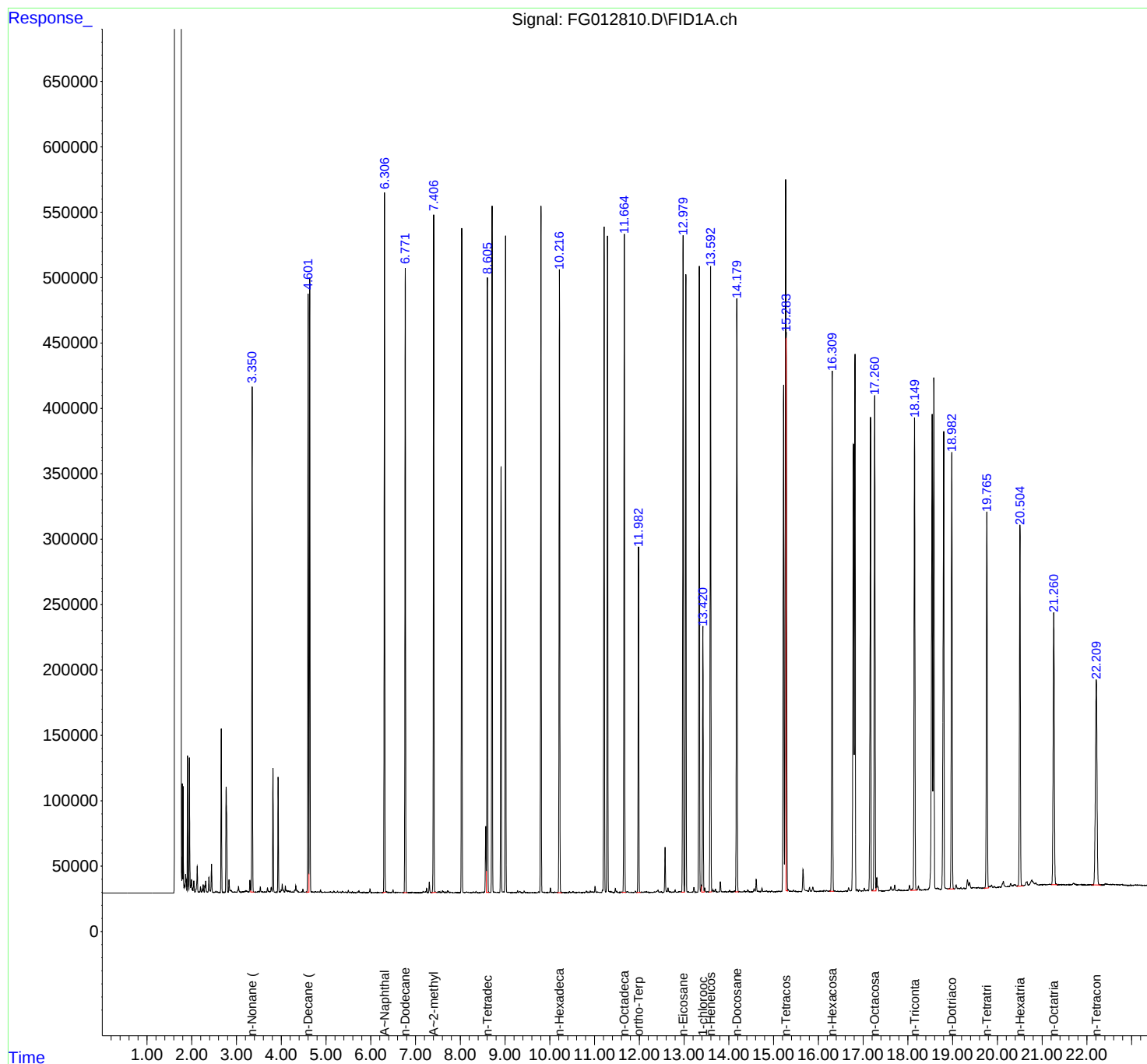
Instrument :
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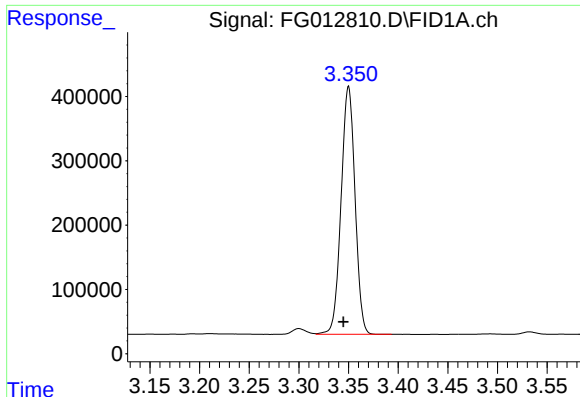
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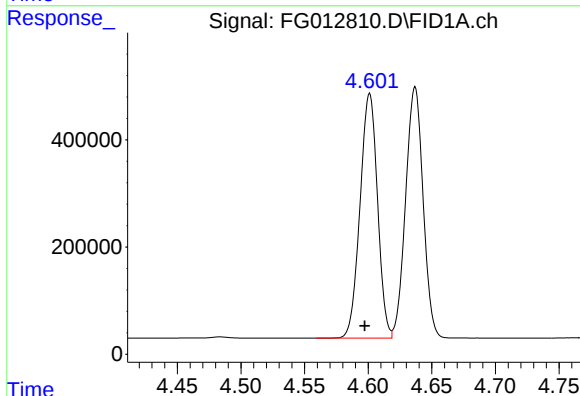
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: 0.005 min
Response: 3773495
Conc: 36.33 ug/ml

Instrument :
FID_G
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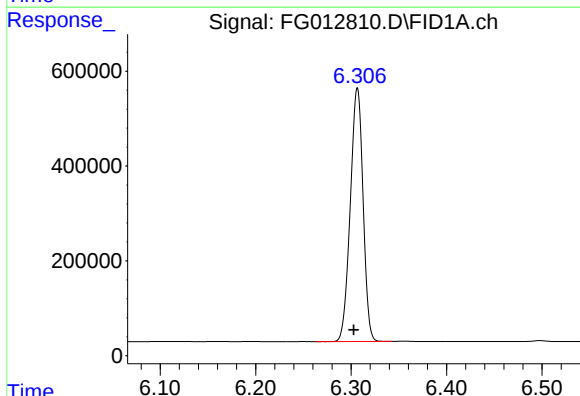
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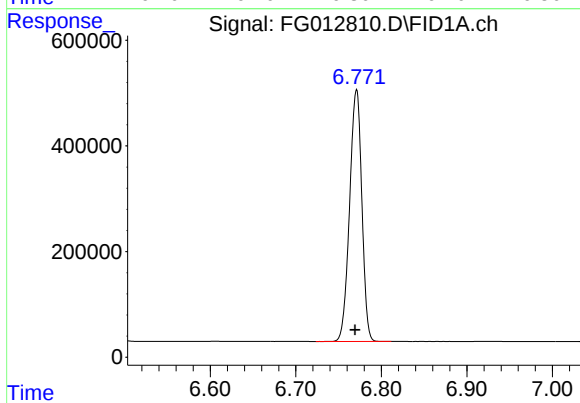
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: 0.004 min
Response: 4360324
Conc: 41.57 ug/ml



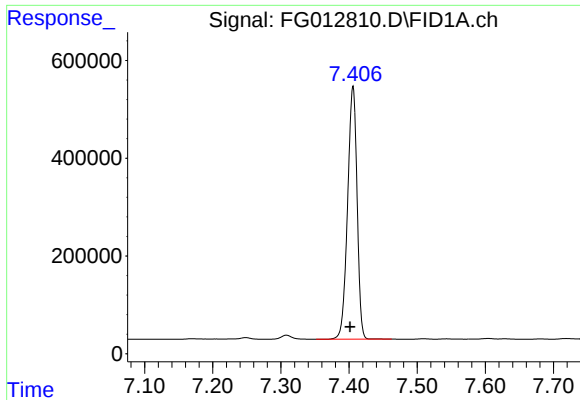
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.004 min
Response: 4946261
Conc: 43.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: 0.002 min
Response: 4736246
Conc: 44.34 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.004 min
Response: 4989513
Conc: 43.57 ug/ml

Instrument :

FID_G

ClientSampleId :

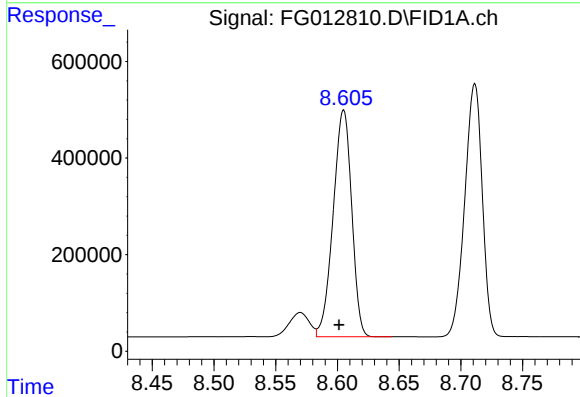
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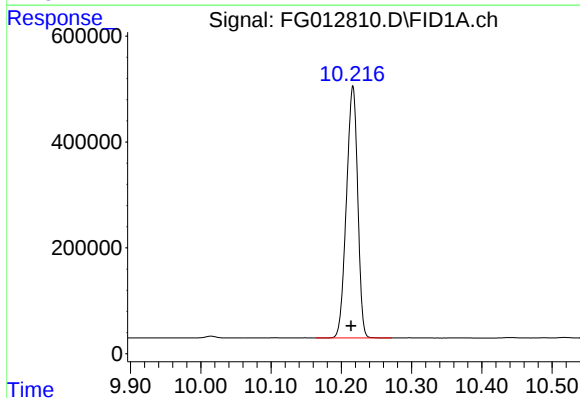
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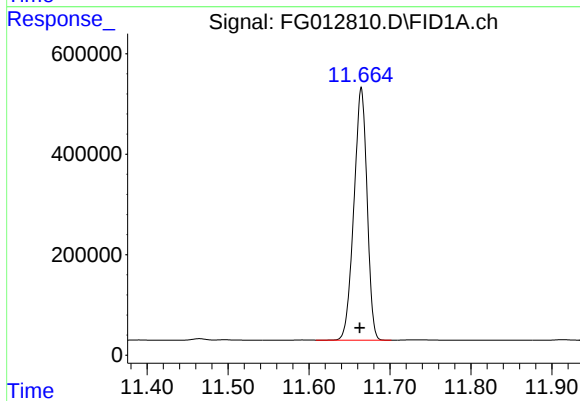
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.004 min
Response: 4907216
Conc: 45.67 ug/ml



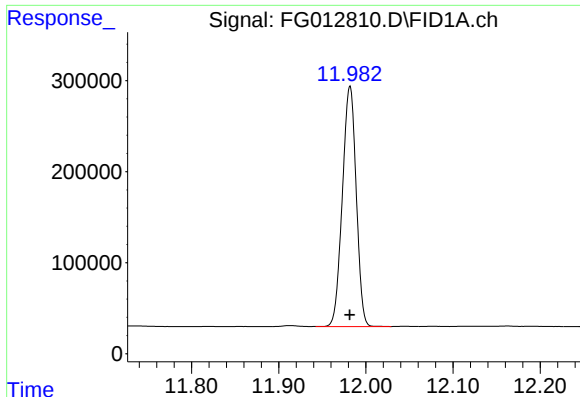
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.002 min
Response: 5296441
Conc: 48.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.002 min
Response: 5667247
Conc: 51.37 ug/ml



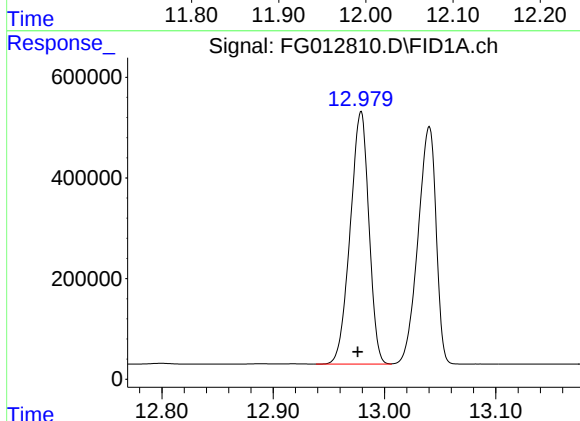
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 2911595
Conc: 21.60 ug/ml

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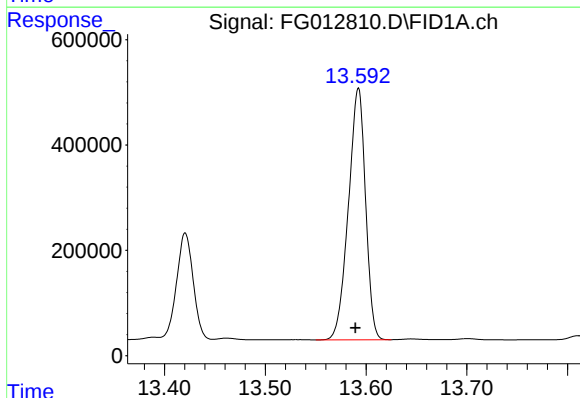
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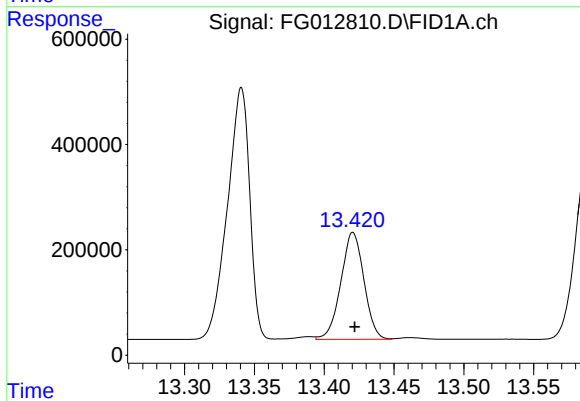
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.003 min
Response: 5850620
Conc: 53.02 ug/ml



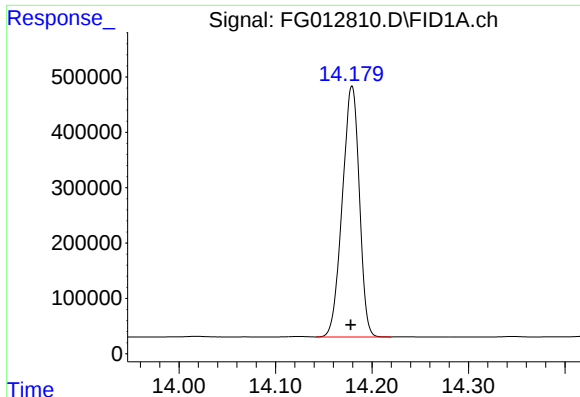
#11 n-Heneicosane (C21)

R.T.: 13.592 min
Delta R.T.: 0.003 min
Response: 5643050
Conc: 51.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: -0.001 min
Response: 2336169
Conc: 22.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.179 min
Delta R.T.: 0.001 min
Response: 5575290
Conc: 50.93 ug/ml

Instrument :

FID_G

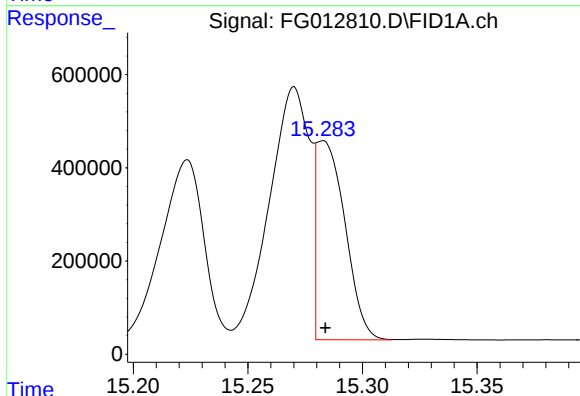
ClientSampleId :

OR-345-02MSD

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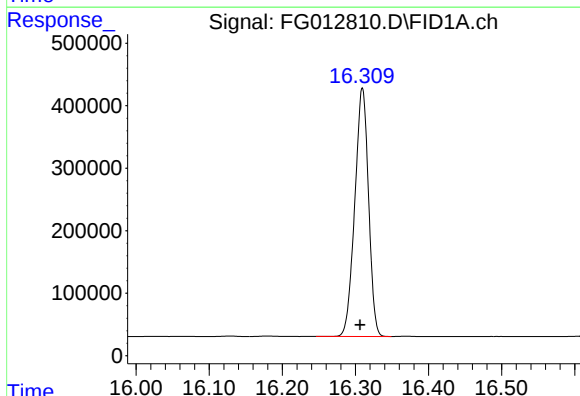
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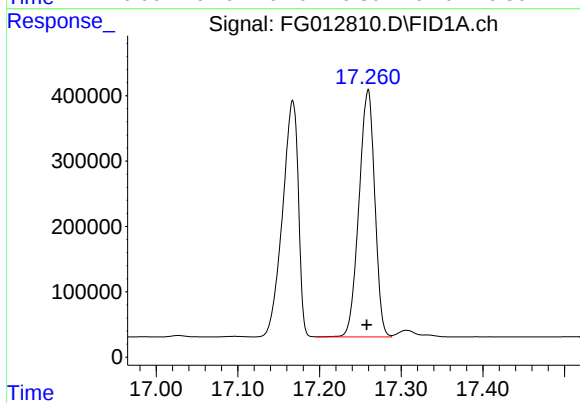
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 3631327
Conc: 33.65 ug/ml m



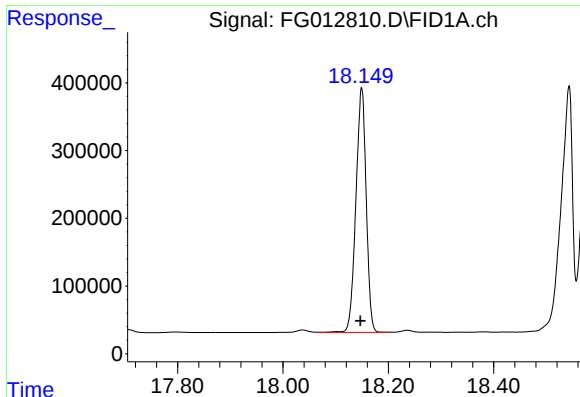
#15 n-Hexacosane (C26)

R.T.: 16.310 min
Delta R.T.: 0.003 min
Response: 5186915
Conc: 49.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.260 min
Delta R.T.: 0.002 min
Response: 5076931
Conc: 50.15 ug/ml



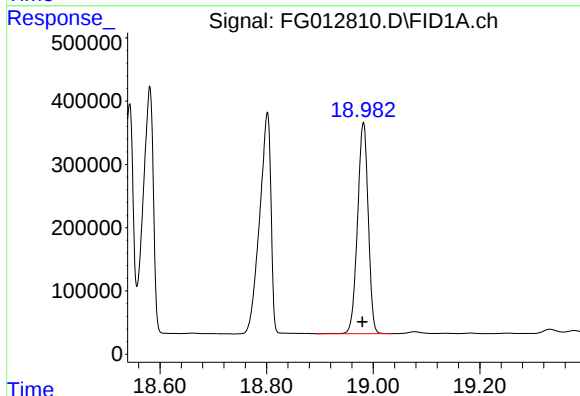
#17 n-Tricontane (C30)

R.T.: 18.149 min
Delta R.T.: 0.002 min
Response: 4903310
Conc: 49.23 ug/ml

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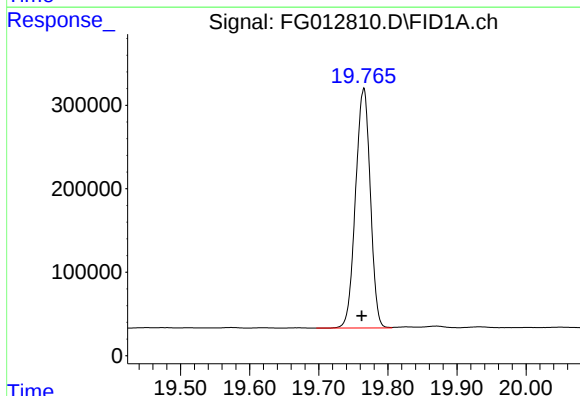
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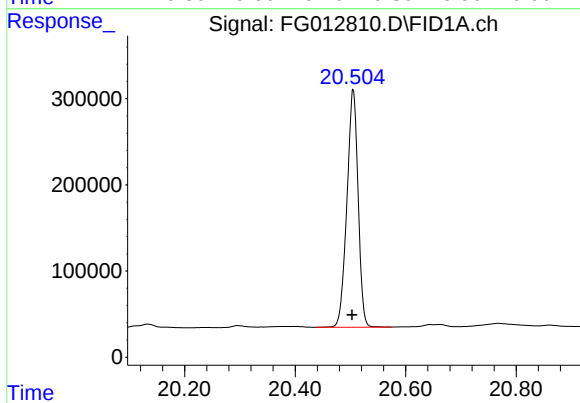
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.002 min
Response: 4631487
Conc: 46.86 ug/ml



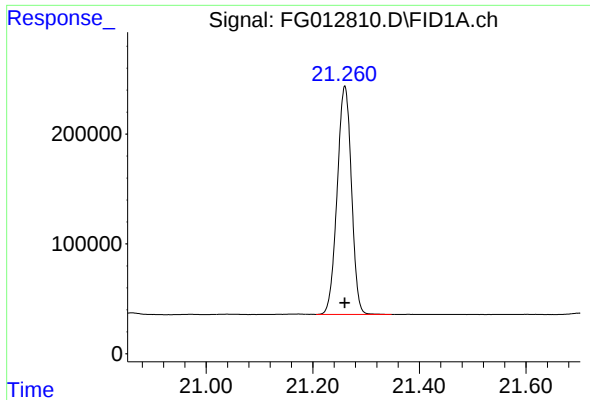
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.003 min
Response: 4262803
Conc: 46.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.505 min
Delta R.T.: 0.002 min
Response: 3881580
Conc: 43.23 ug/ml



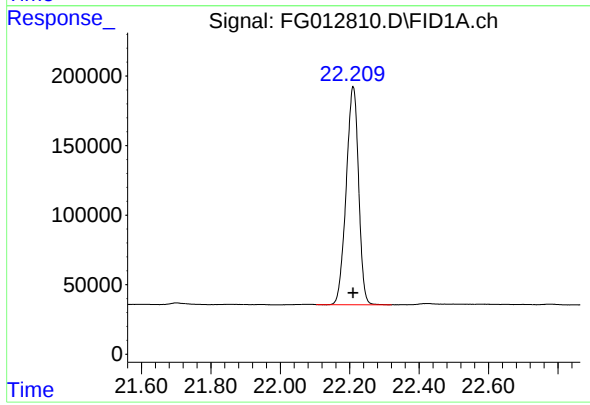
#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 3864970
Conc: 45.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.210 min
Delta R.T.: 0.000 min
Response: 3886568
Conc: 47.61 ug/ml