

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111924AL\
 Data File : FG014877.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2024 17:34
 Operator : YP\AJ
 Sample : P4910-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MH-COTTAGEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 20 00:37:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:33:02 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			
9) S ortho-Terphenyl (SURR)	11.946	5510409	37.344 ug/ml
Spiked Amount 50.000		Recovery =	74.69%
12) S 1-chlorooctadecane (S...	13.385	4241789	38.170 ug/ml
Spiked Amount 50.000		Recovery =	76.34%
Target Compounds			
1) T n-Nonane (C9)	3.322	3977898	29.298 ug/ml
2) T n-Decane (C10)	4.572	4572354	32.972 ug/ml
3) T A~Naphthalene (C11.7)	6.273	5236863	35.299 ug/ml
4) T n-Dodecane (C12)	6.739	4969220	35.454 ug/ml
5) T A~2-methylnaphthalene...	7.371	4946516	34.653 ug/ml
6) T n-Tetradecane (C14)	8.573	5326893	38.423 ug/ml
7) T n-Hexadecane (C16)	10.183	5734457	40.472 ug/ml
8) T n-Octadecane (C18)	11.630	6086762	43.244 ug/ml
10) T n-Eicosane (C20)	12.943	6207698	46.786 ug/ml
11) T n-Heneicosane (C21)	13.554	5946231	45.804 ug/ml
13) T n-Docosane (C22)	14.142	5876898	46.092 ug/ml
14) T n-Tetracosane (C24)	15.224	11146497	89.191 ug/mlm
15) T n-Hexacosane (C26)	16.271	5490737	45.130 ug/ml
16) T n-Octacosane (C28)	17.219	5320909	44.350 ug/ml
17) T n-Tricontane (C30)	18.108	5241239	41.798 ug/ml
18) T n-Dotriacontane (C32)	18.939	5123264	41.134 ug/ml
19) T n-Tetratriacontane (C34)	19.723	5008638	46.367 ug/ml
20) T n-Hexatriacontane (C36)	20.462	4772835	51.556 ug/ml
21) T n-Octatriacontane (C38)	21.210	4728513	53.972 ug/ml
22) T n-Tetracontane (C40)	22.146	4771086	56.803 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P4910-01MS
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ALS Vial : 33 Sample Multiplier: 1

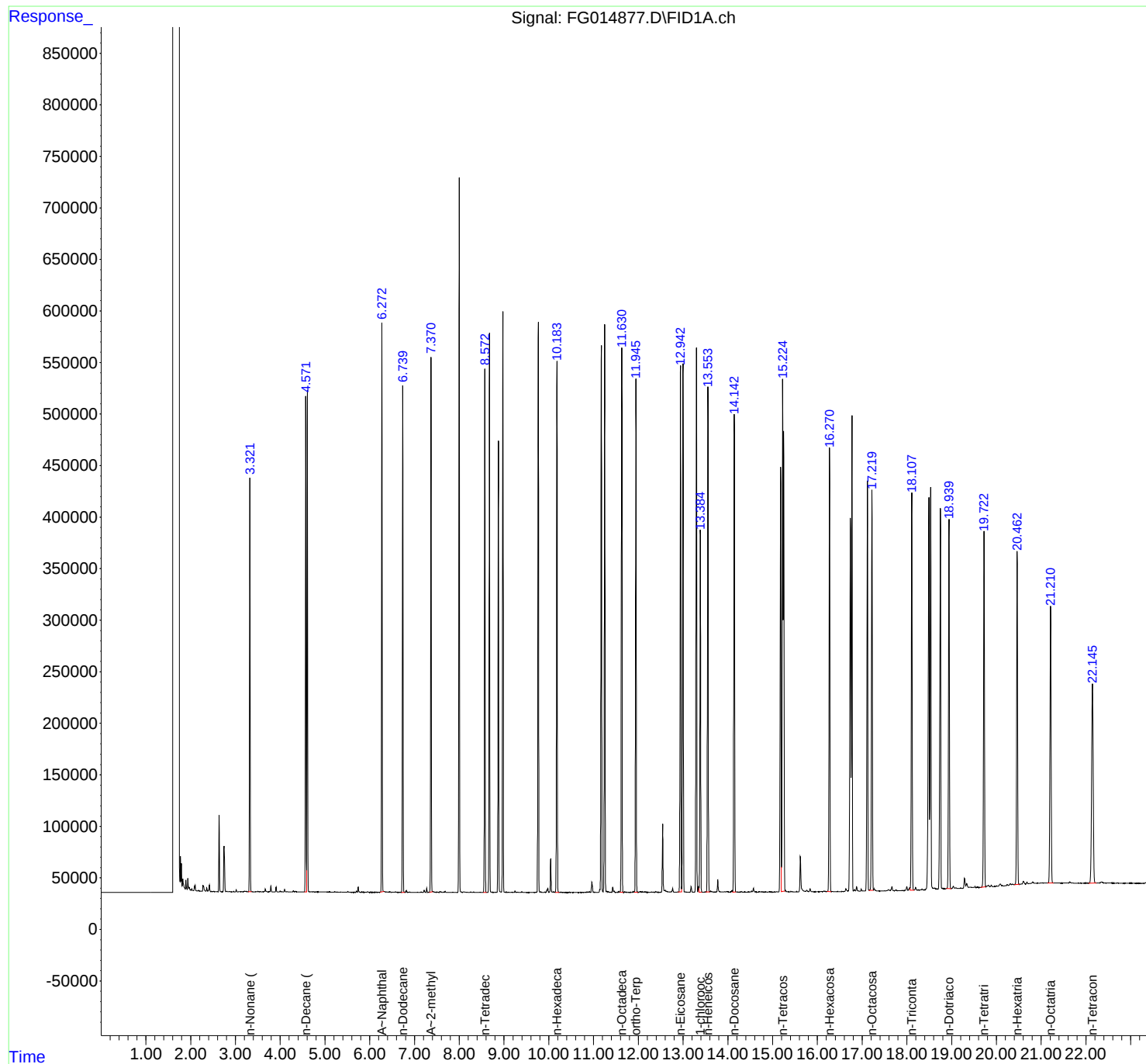
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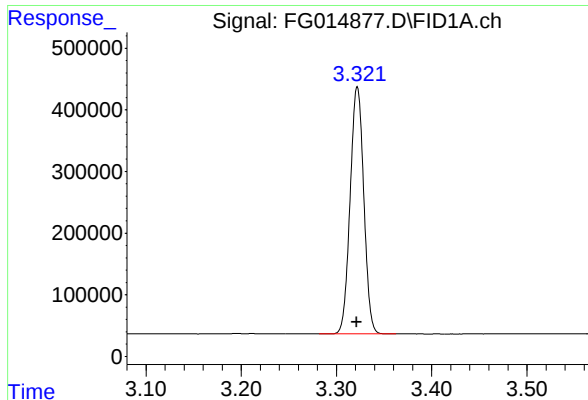
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#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 3977898
Conc: 29.30 ug/ml

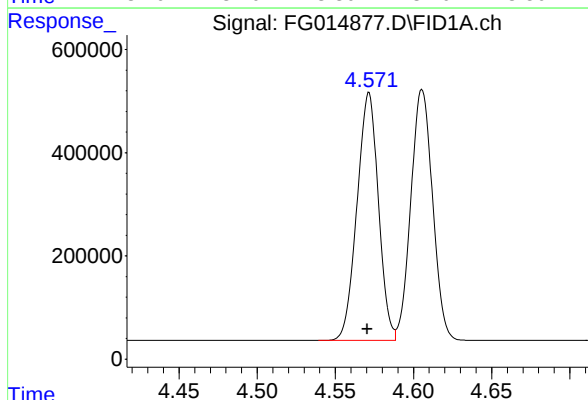
Instrument :

FID_G

ClientSampleId :
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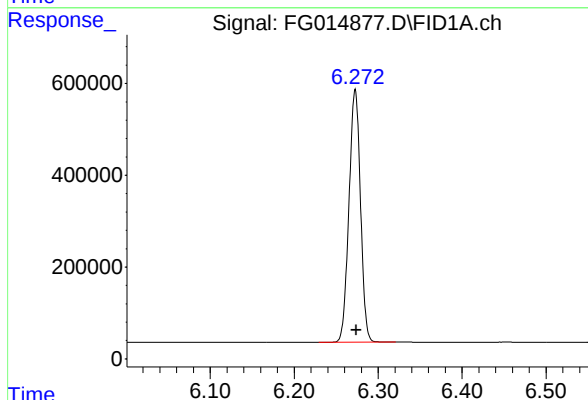
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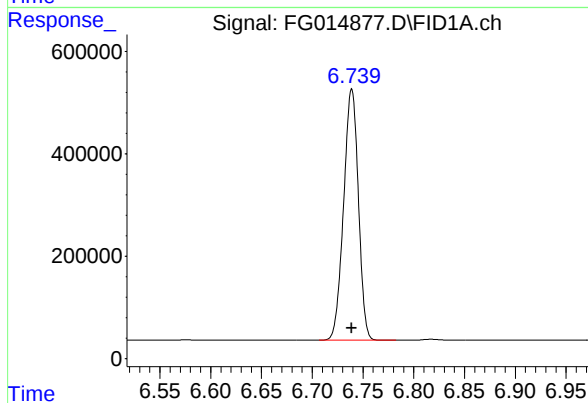
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 4572354
Conc: 32.97 ug/ml



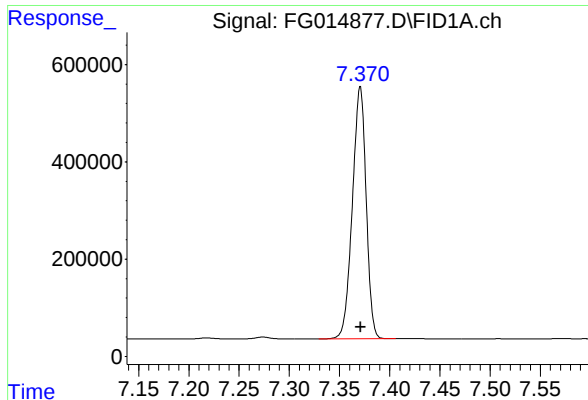
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.001 min
Response: 5236863
Conc: 35.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 4969220
Conc: 35.45 ug/ml



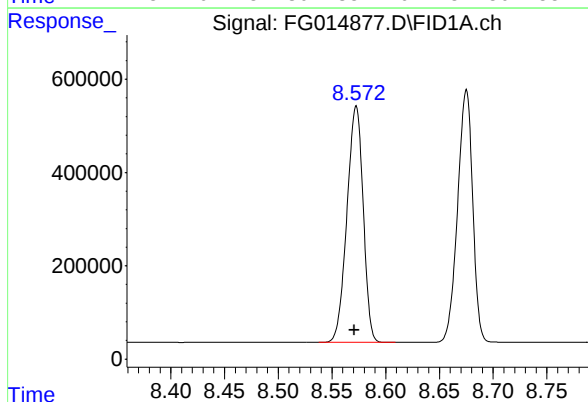
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 4946516
Conc: 34.65 ug/ml

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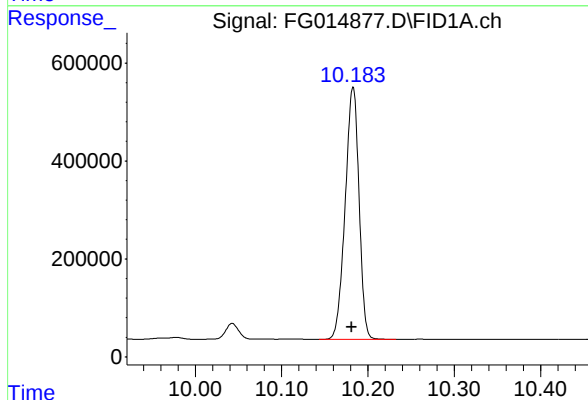
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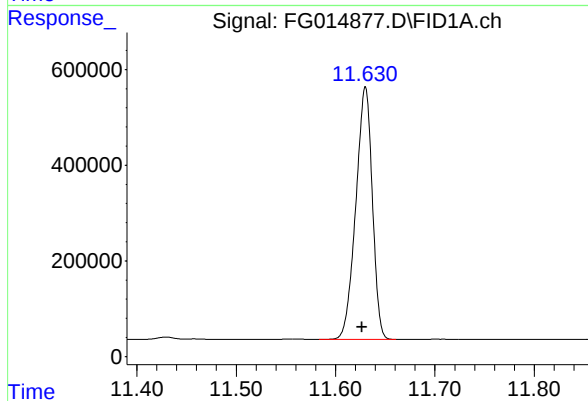
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 5326893
Conc: 38.42 ug/ml



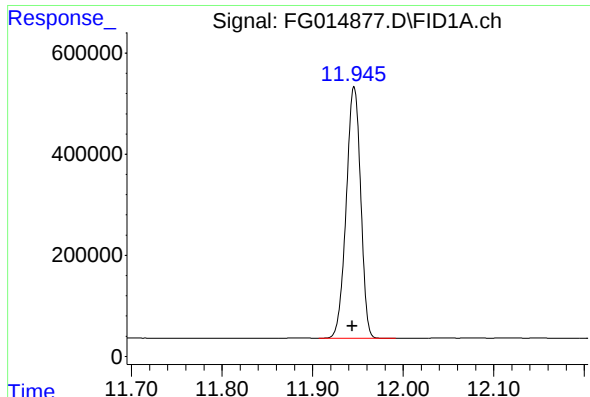
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: 0.002 min
Response: 5734457
Conc: 40.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: 0.003 min
Response: 6086762
Conc: 43.24 ug/ml



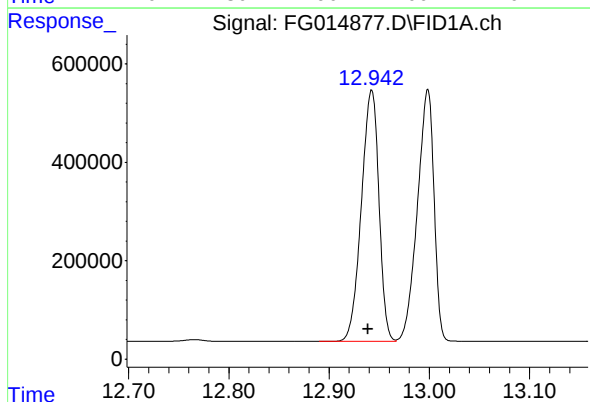
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: 0.002 min
Response: 5510409
Conc: 37.34 ug/ml

Instrument :
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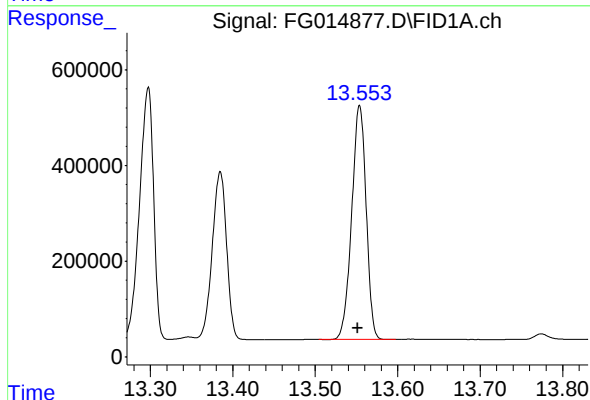
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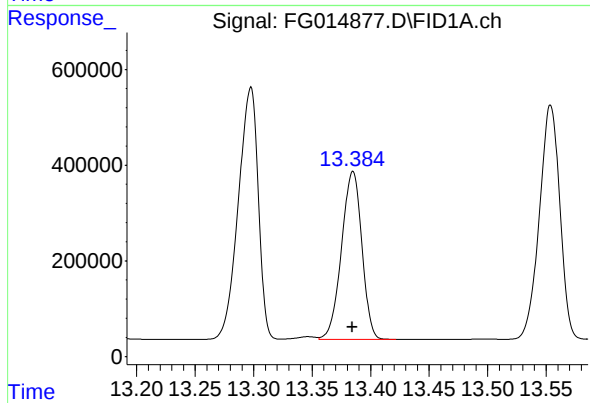
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.004 min
Response: 6207698
Conc: 46.79 ug/ml



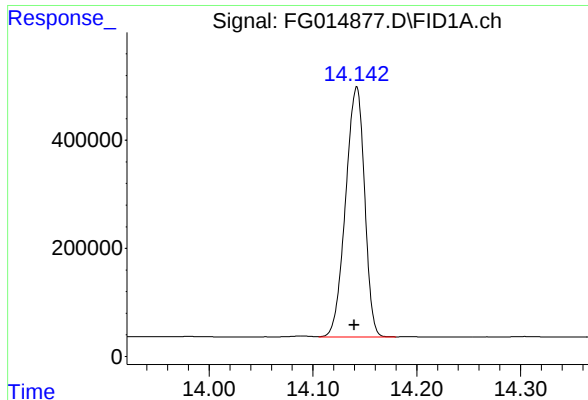
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.002 min
Response: 5946231
Conc: 45.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: 0.000 min
Response: 4241789
Conc: 38.17 ug/ml



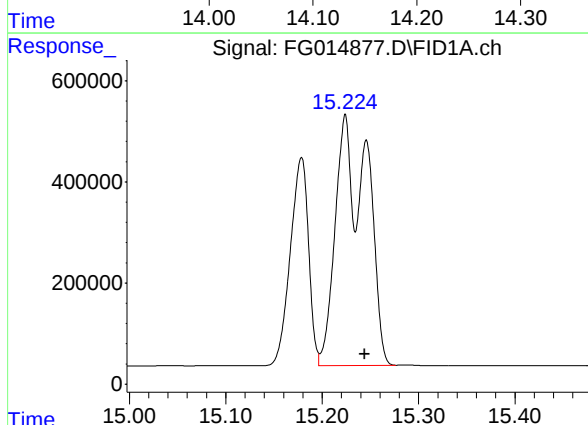
#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.002 min
Response: 5876898
Conc: 46.09 ug/ml

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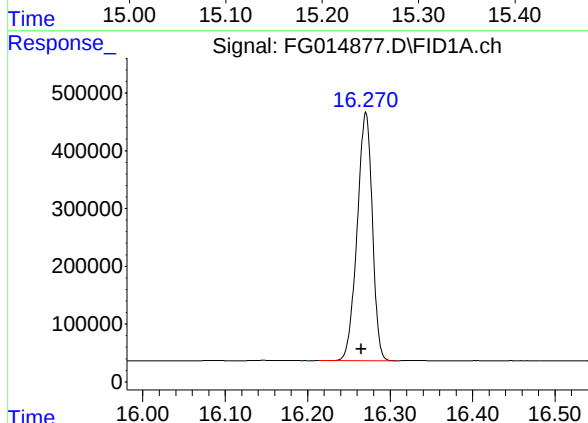
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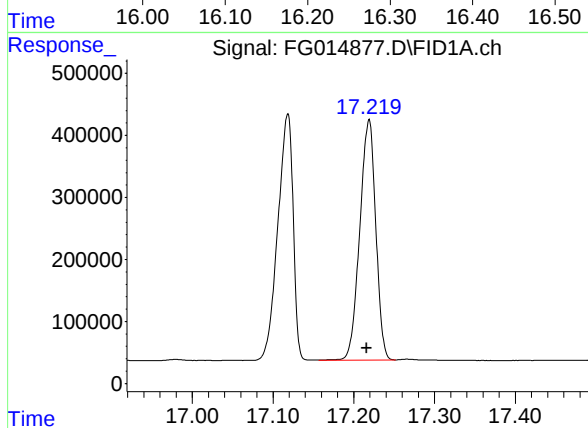
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.020 min
Response: 11146497
Conc: 89.19 ug/ml m



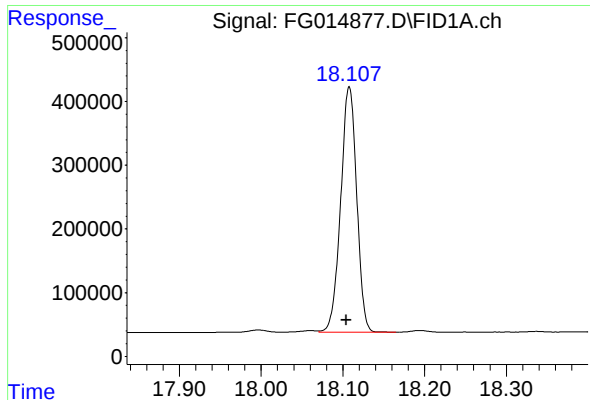
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: 0.005 min
Response: 5490737
Conc: 45.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: 0.003 min
Response: 5320909
Conc: 44.35 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.108 min
Delta R.T.: 0.004 min
Response: 5241239
Conc: 41.80 ug/ml

Instrument :

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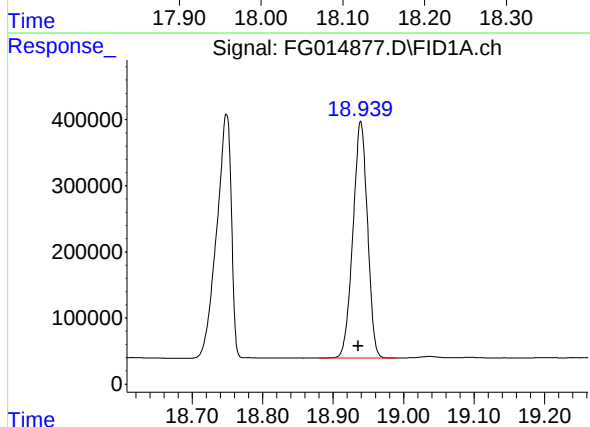
ClientSampleId :

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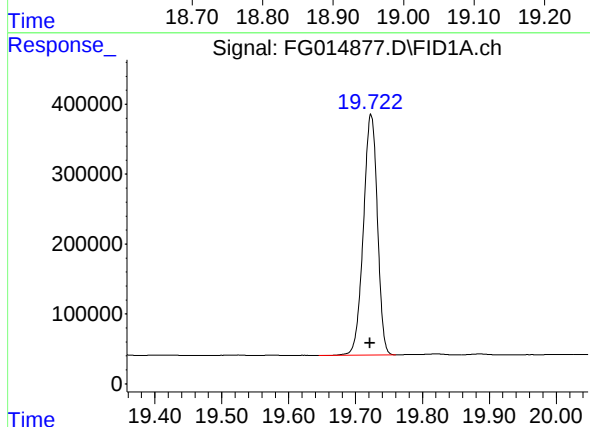
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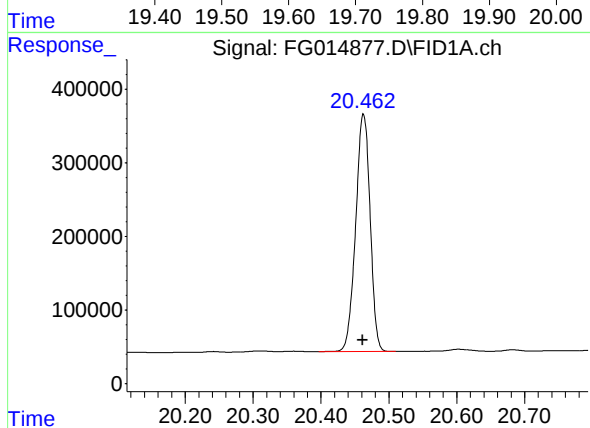
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.003 min
Response: 5123264
Conc: 41.13 ug/ml



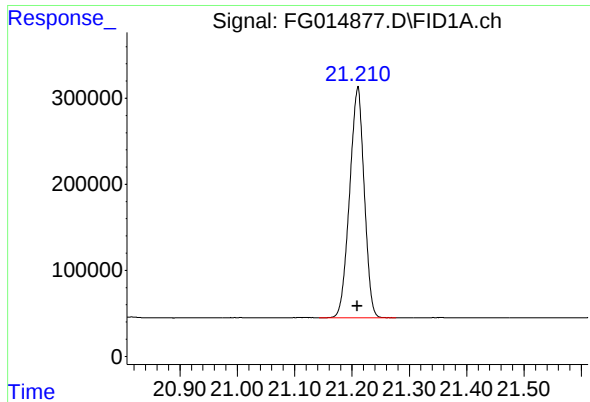
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.001 min
Response: 5008638
Conc: 46.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: 0.001 min
Response: 4772835
Conc: 51.56 ug/ml



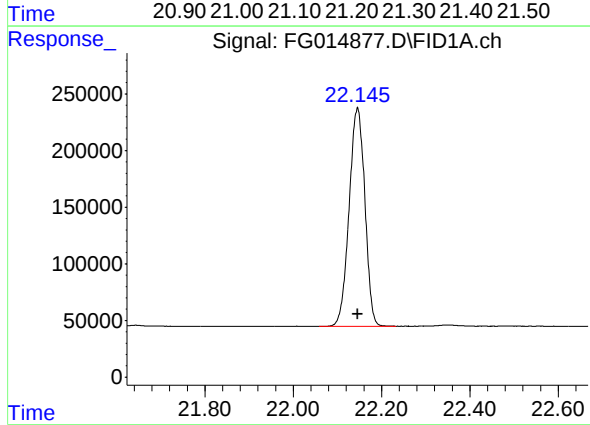
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.001 min
Response: 4728513
Conc: 53.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.000 min
Response: 4771086
Conc: 56.80 ug/ml