

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111023AL\
 Data File : FC065110.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2023 18:23
 Operator : YP/AJ
 Sample : 05345-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5AMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2023
 Supervised By :Ankita Jodhani 11/13/2023

Integration File: autoint1.e
 Quant Time: Nov 11 01:56:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.508	5460137	24.809 ug/ml
Spiked Amount 50.000		Recovery =	49.62%
12) S 1-chlorooctadecane (S...	12.939	4494411	28.430 ug/mlm
Spiked Amount 50.000		Recovery =	56.86%
Target Compounds			
1) T n-Nonane (C9)	3.311	5992850	31.697 ug/ml
2) T n-Decane (C10)	4.369	6743878	35.467 ug/ml
3) T A~Naphthalene (C11.7)	5.946	7676290	39.758 ug/ml
4) T n-Dodecane (C12)	6.377	7230270	37.429 ug/ml
5) T A~2-methylnaphthalene...	7.000	7540350	41.033 ug/ml
6) T n-Tetradecane (C14)	8.167	7609261	40.327 ug/ml
7) T n-Hexadecane (C16)	9.760	7990633	42.273 ug/ml
8) T n-Octadecane (C18)	11.196	8330632	44.141 ug/ml
10) T n-Eicosane (C20)	12.499	8298509	46.159 ug/ml
11) T n-Heneicosane (C21)	13.107	7821745	44.551 ug/ml
13) T n-Docosane (C22)	13.691	7700449	44.830 ug/ml
14) T n-Tetracosane (C24)	14.782	14898076	89.448 ug/ml
15) T n-Hexacosane (C26)	15.806	7131394	44.430 ug/ml
16) T n-Octacosane (C28)	16.751	7130251	45.560 ug/ml
17) T n-Tricontane (C30)	17.636	6846748	43.226 ug/ml
18) T n-Dotriacontane (C32)	18.463	6751142	42.757 ug/ml
19) T n-Tetratriacontane (C34)	19.242	6560565	42.981 ug/ml
20) T n-Hexatriacontane (C36)	19.980	6255777	41.462 ug/mlm
21) T n-Octatriacontane (C38)	20.700	6141673	41.270 ug/ml
22) T n-Tetracontane (C40)	21.578	6043444	41.090 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

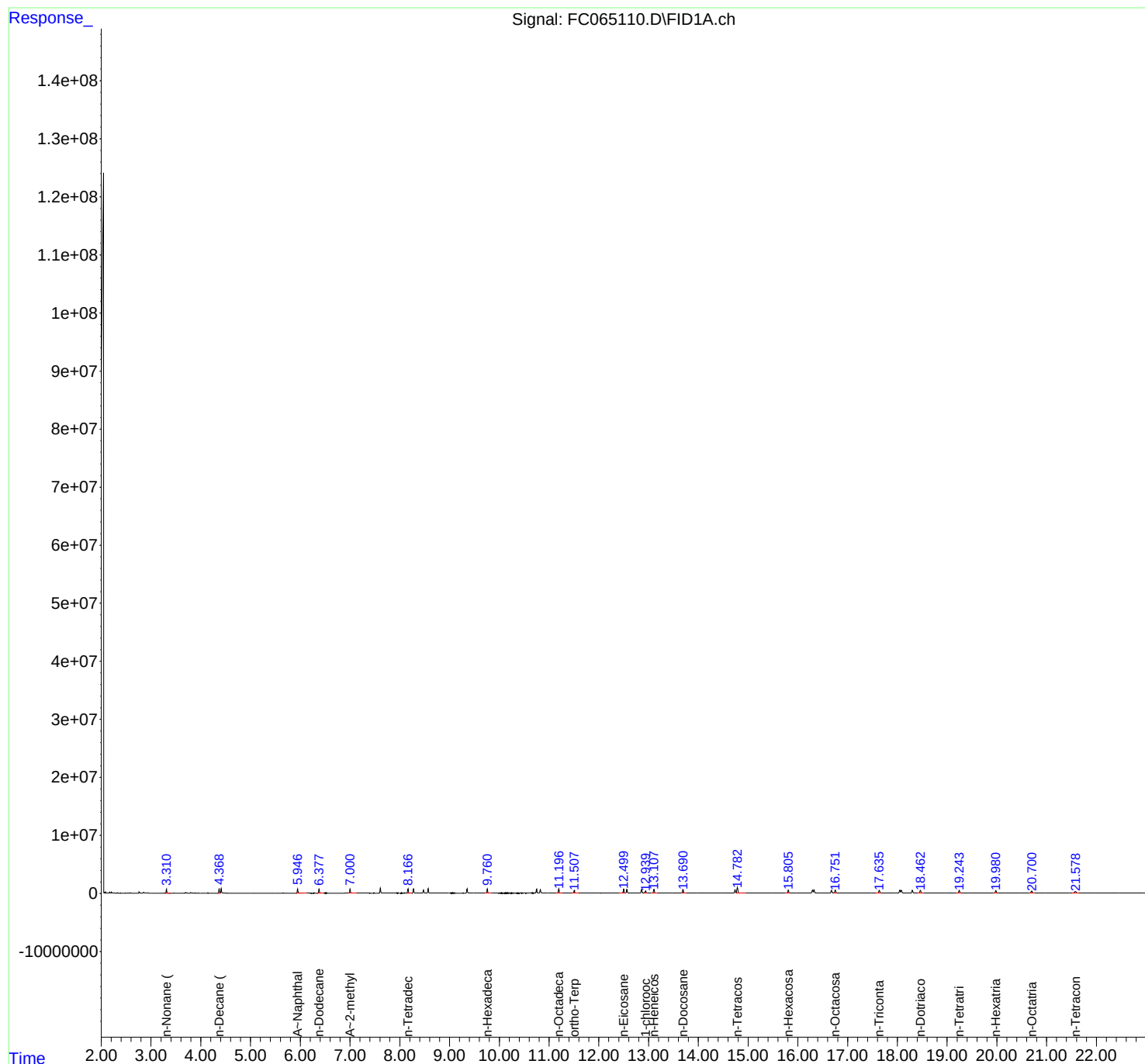
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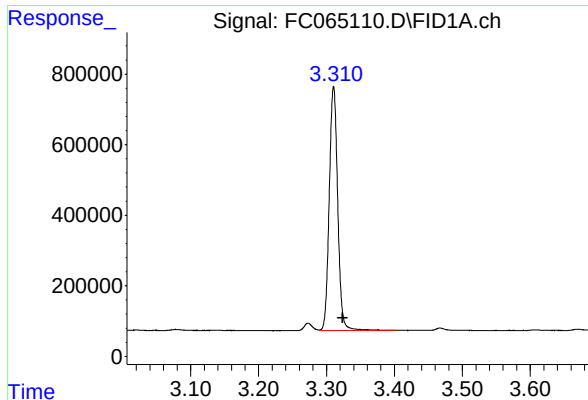
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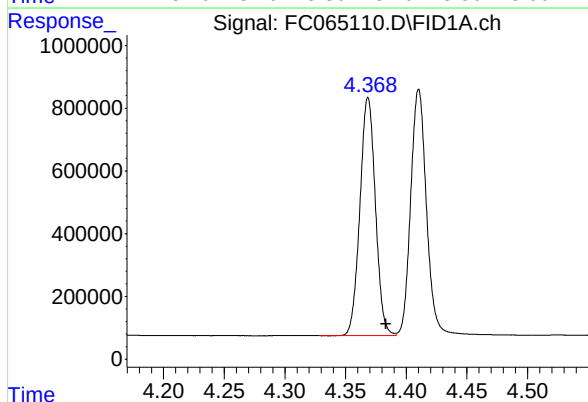
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.013 min
Response: 5992850
Conc: 31.70 ug/ml

Instrument :
FID_C
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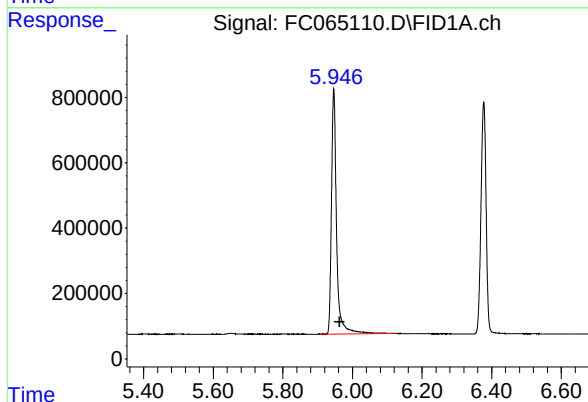
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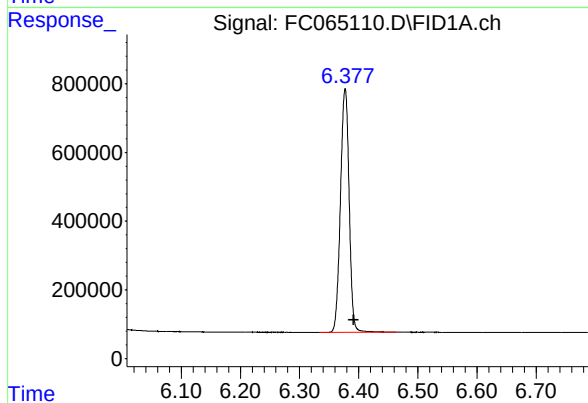
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.015 min
Response: 6743878
Conc: 35.47 ug/ml



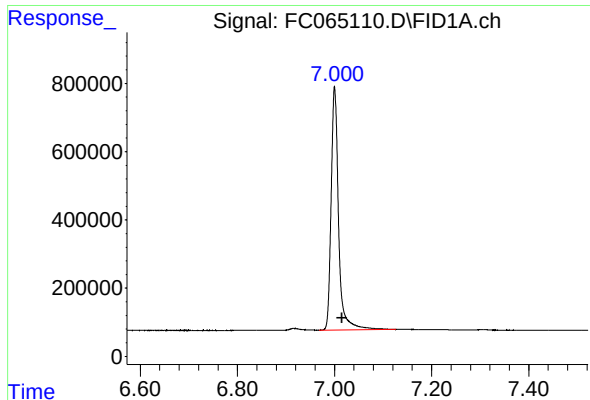
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.016 min
Response: 7676290
Conc: 39.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.014 min
Response: 7230270
Conc: 37.43 ug/ml



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

R.T.: 7.000 min
Delta R.T.: -0.015 min
Response: 7540350
Conc: 41.03 ug/ml

Instrument :

FID_C

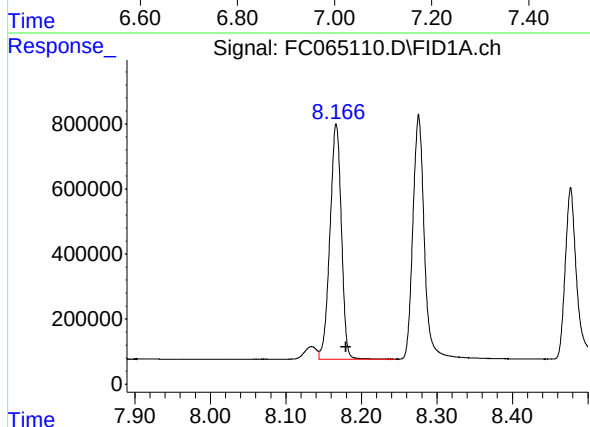
ClientSampleId :

5AMSD

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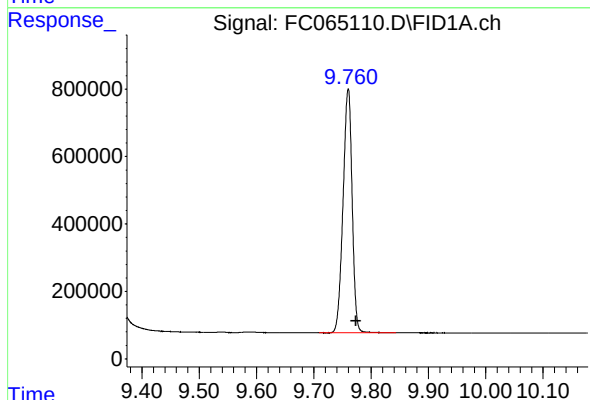
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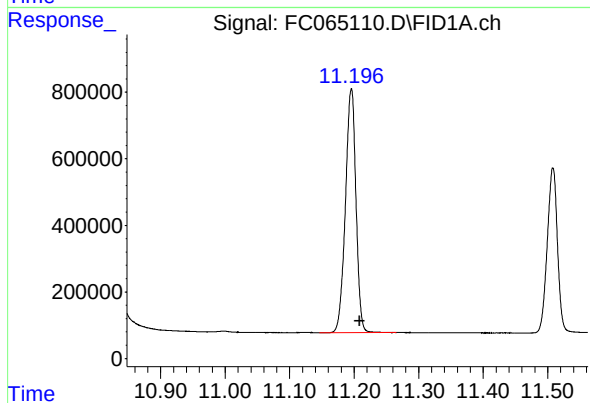
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 7609261
Conc: 40.33 ug/ml



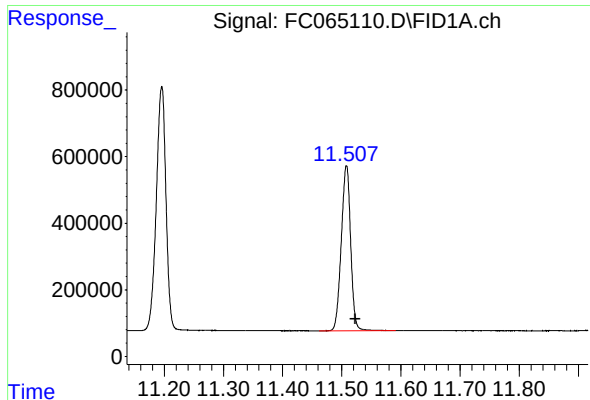
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 7990633
Conc: 42.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.013 min
Response: 8330632
Conc: 44.14 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: -0.015 min
Response: 5460137
Conc: 24.81 ug/ml

Instrument :

FID_C

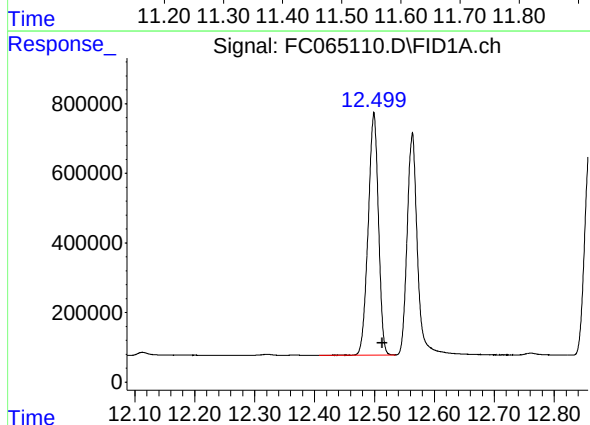
ClientSampleId :

5AMSD

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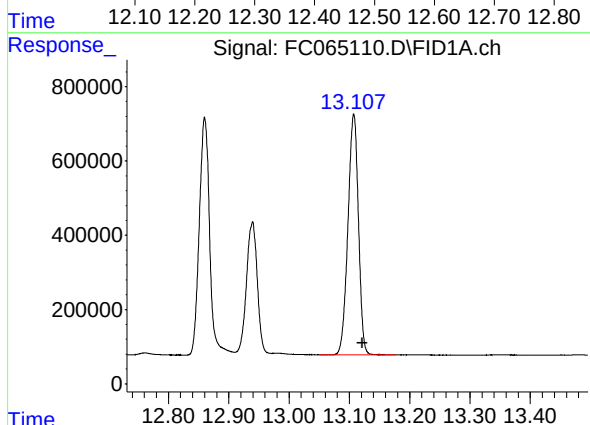
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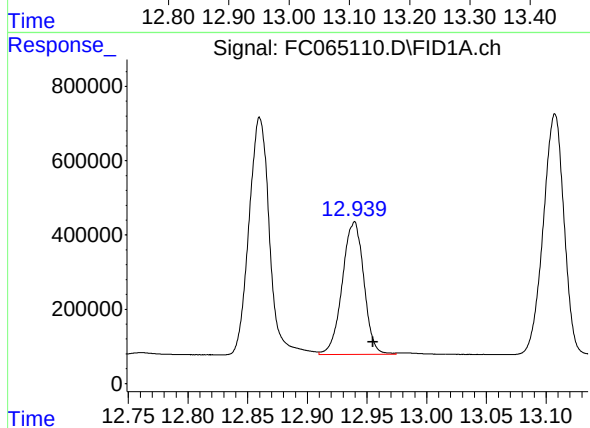
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.014 min
Response: 8298509
Conc: 46.16 ug/ml



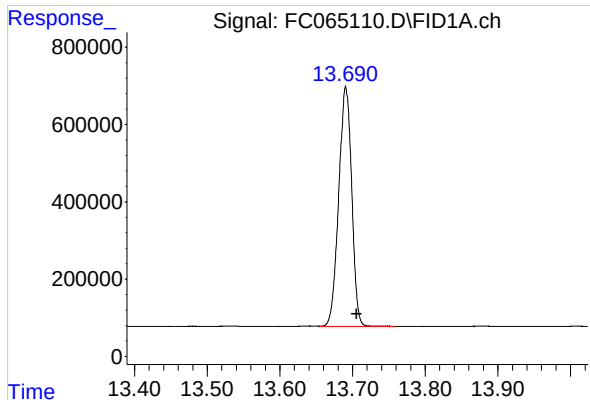
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.014 min
Response: 7821745
Conc: 44.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.015 min
Response: 4494411
Conc: 28.43 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: -0.015 min
Response: 7700449
Conc: 44.83 ug/ml

Instrument :

FID_C

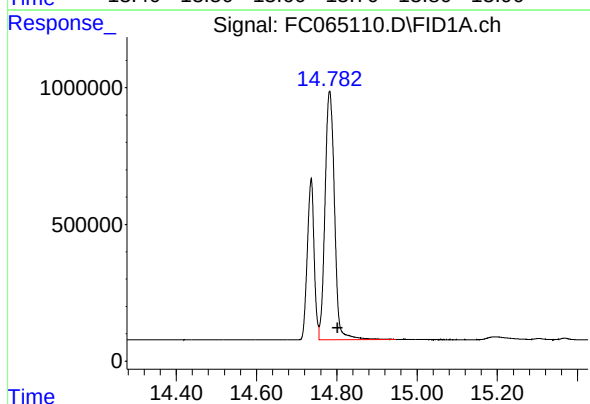
ClientSampleId :

5AMSD

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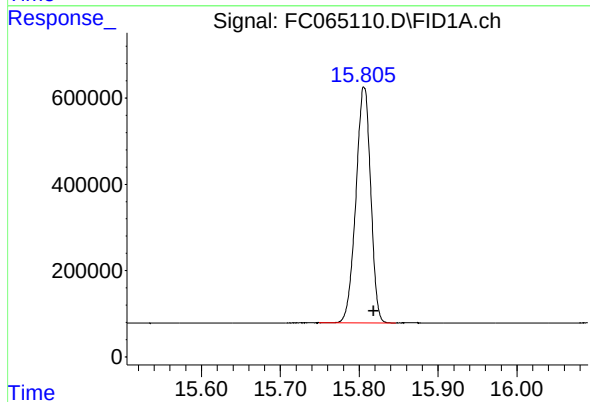
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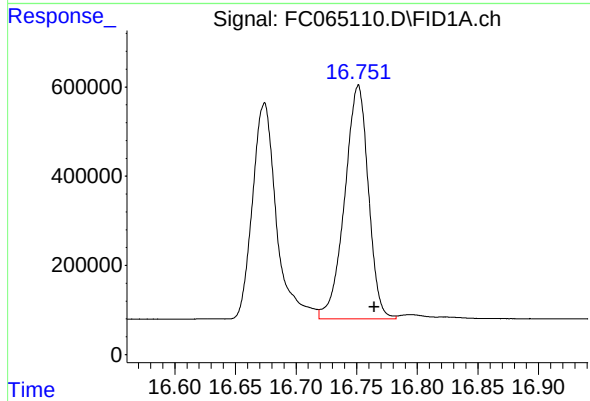
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.020 min
Response: 14898076
Conc: 89.45 ug/ml



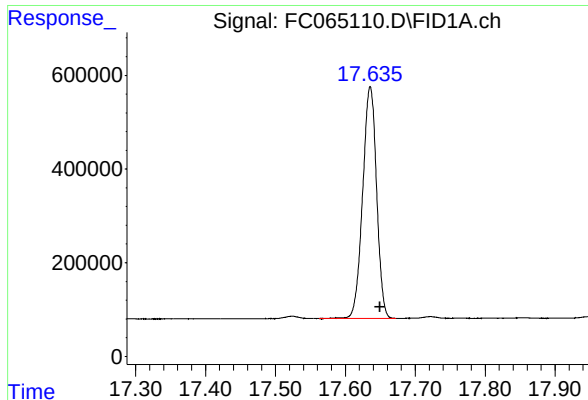
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.012 min
Response: 7131394
Conc: 44.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.013 min
Response: 7130251
Conc: 45.56 ug/ml



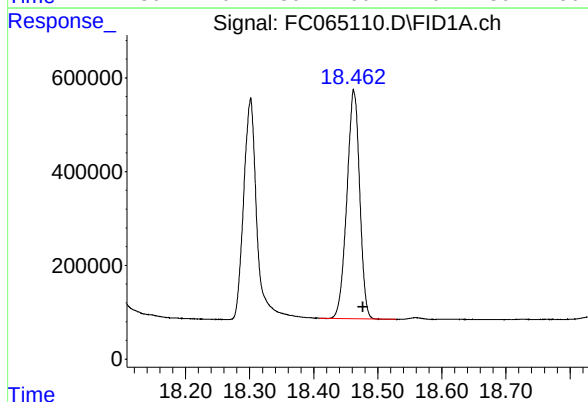
#17 n-Tricontane (C30)

R.T.: 17.636 min
Delta R.T.: -0.014 min
Response: 6846748
Conc: 43.23 ug/ml

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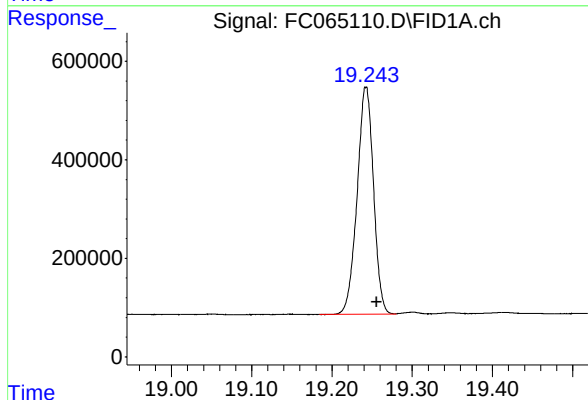
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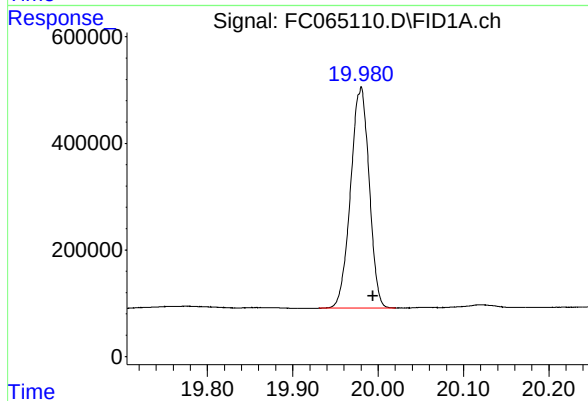
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.014 min
Response: 6751142
Conc: 42.76 ug/ml



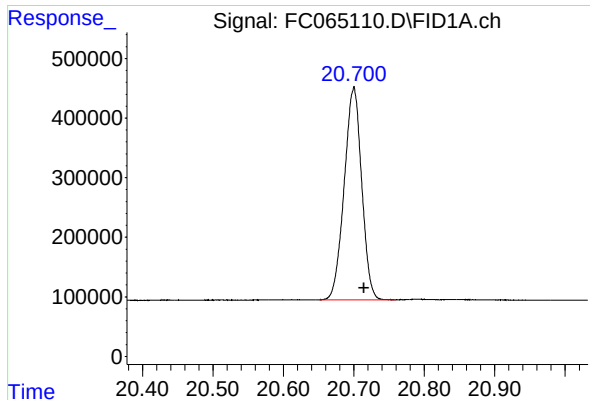
#19 n-Tetatriacontane (C34)

R.T.: 19.242 min
Delta R.T.: -0.013 min
Response: 6560565
Conc: 42.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.014 min
Response: 6255777
Conc: 41.46 ug/ml m



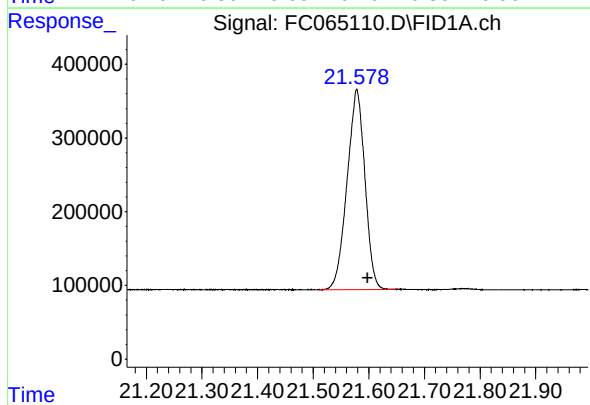
#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 6141673
Conc: 41.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: -0.020 min
Response: 6043444
Conc: 41.09 ug/ml m