

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111323AL\
 Data File : FC065128.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2023 18:06
 Operator : YP/AJ
 Sample : 05379-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2023
 Supervised By :Ankita Jodhani 11/14/2023

Integration File: autoint1.e
 Quant Time: Nov 13 23:18:26 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)	11.511	8242773	37.453 ug/ml
Spiked Amount 50.000		Recovery =	74.91%
12) S 1-chlorooctadecane (S...	12.942	6433996	40.700 ug/ml
Spiked Amount 50.000		Recovery =	81.40%
Target Compounds			
1) T n-Nonane (C9)	3.310	1262343	6.677 ug/ml
2) T n-Decane (C10)	4.370	1497798	7.877 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2983936	15.455 ug/ml
4) T n-Dodecane (C12)	6.380	2921372	15.123 ug/ml
5) T A~2-methylnaphthalene...	7.003	4239050	23.068 ug/ml
6) T n-Tetradecane (C14)	8.169	5340662	28.304 ug/ml
7) T n-Hexadecane (C16)	9.762	7864964	41.608 ug/ml
8) T n-Octadecane (C18)	11.198	9374165	49.670 ug/ml
10) T n-Eicosane (C20)	12.501	9615991	53.487 ug/ml
11) T n-Heneicosane (C21)	13.109	9087260	51.759 ug/ml
13) T n-Docosane (C22)	13.694	8947642	52.090 ug/ml
14) T n-Tetracosane (C24)	14.785	17592410	105.624 ug/ml
15) T n-Hexacosane (C26)	15.809	8374867	52.177 ug/ml
16) T n-Octacosane (C28)	16.754	8174509	52.233 ug/ml
17) T n-Tricontane (C30)	17.640	8032045	50.710 ug/ml
18) T n-Dotriacontane (C32)	18.465	7875700	49.880 ug/ml
19) T n-Tetratriacontane (C34)	19.245	7617740	49.907 ug/ml
20) T n-Hexatriacontane (C36)	19.981	7215478	47.822 ug/mlm
21) T n-Octatriacontane (C38)	20.700	7085584	47.613 ug/ml
22) T n-Tetracontane (C40)	21.577	6922389	47.066 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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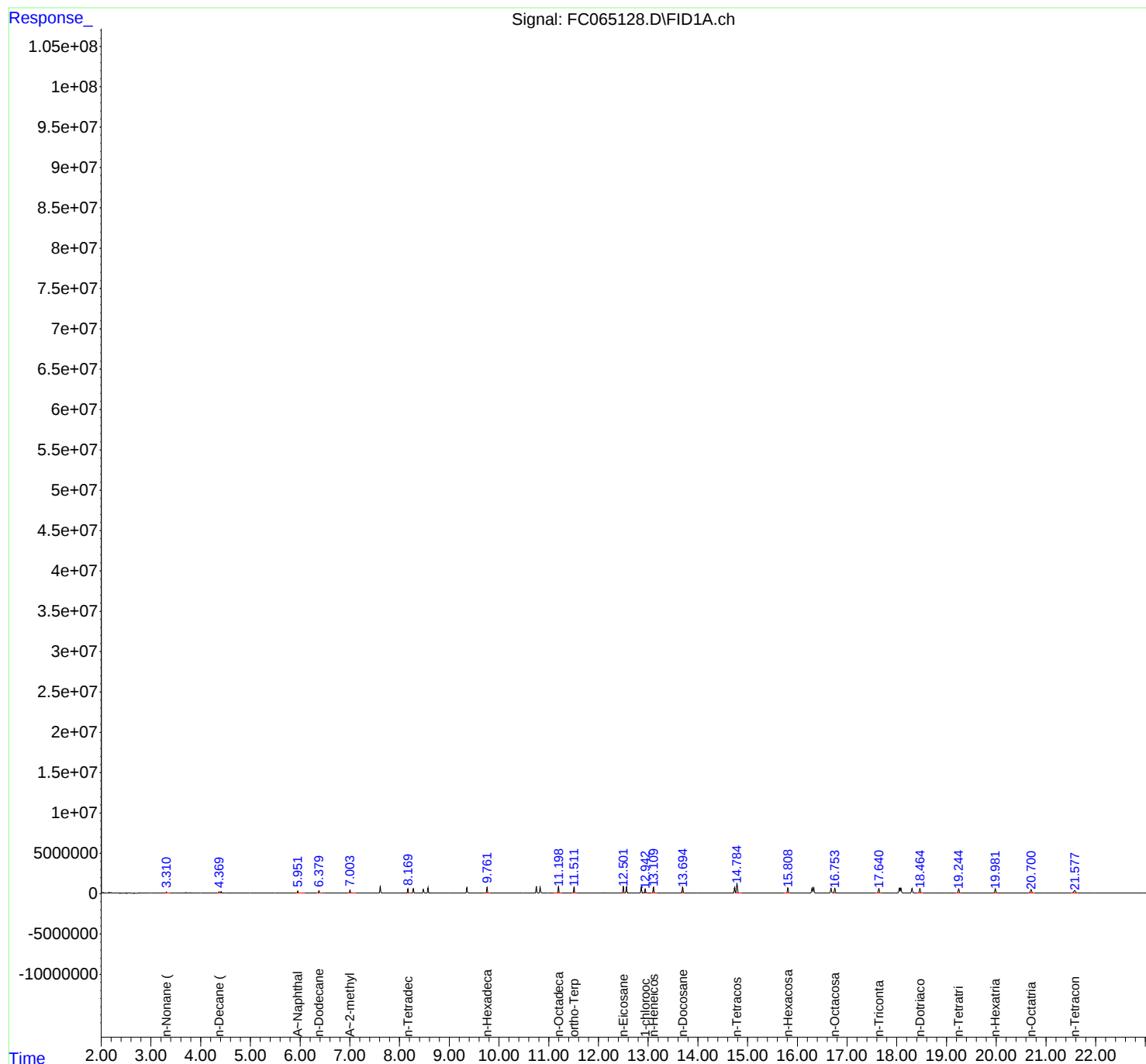
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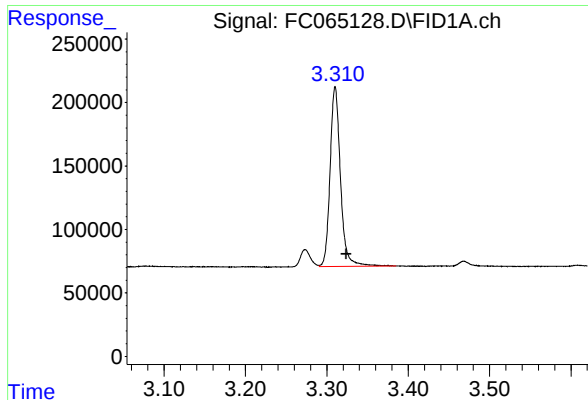
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#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.014 min
Response: 1262343
Conc: 6.68 ug/ml

Instrument :

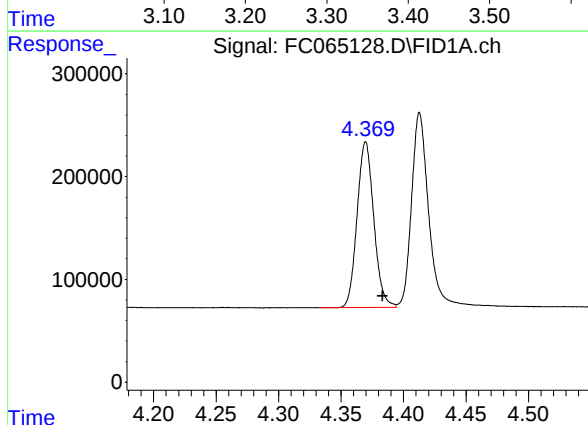
FID_C

ClientSampleId :

WC-9MS

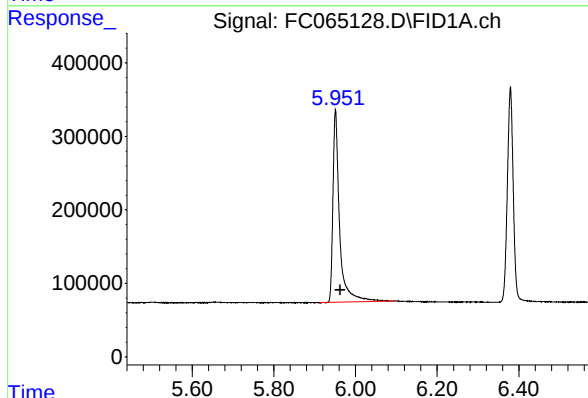
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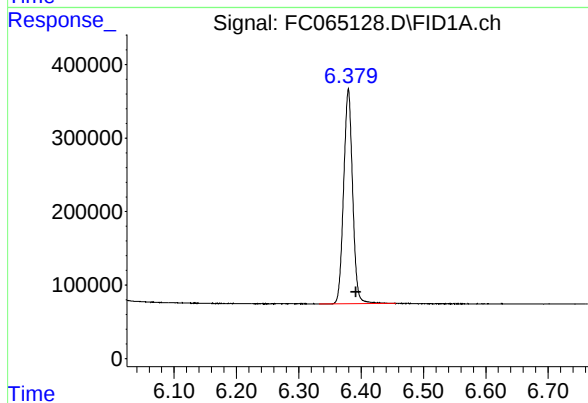
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.014 min
Response: 1497798
Conc: 7.88 ug/ml



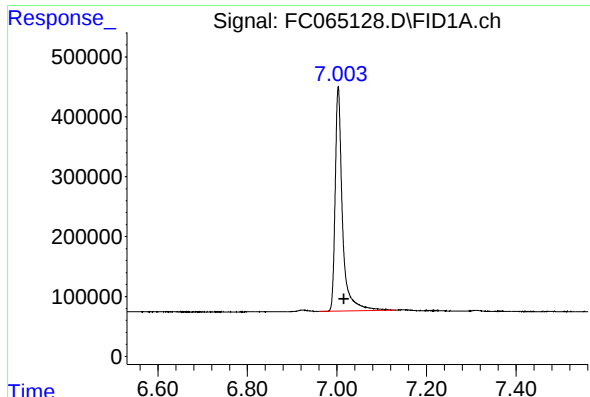
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 2983936
Conc: 15.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.012 min
Response: 2921372
Conc: 15.12 ug/ml



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

R.T.: 7.003 min
Delta R.T.: -0.013 min
Response: 4239050
Conc: 23.07 ug/ml

Instrument :

FID_C

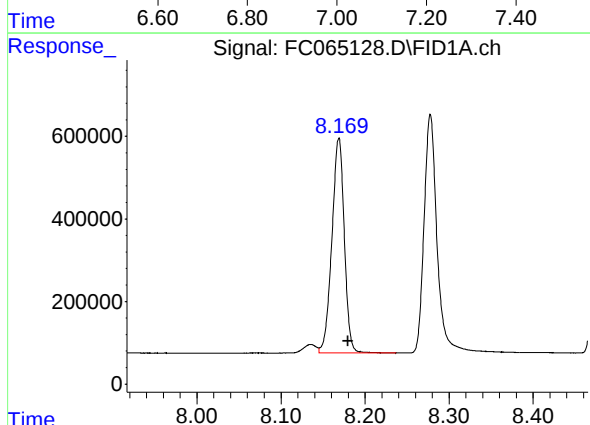
ClientSampleId :

WC-9MS

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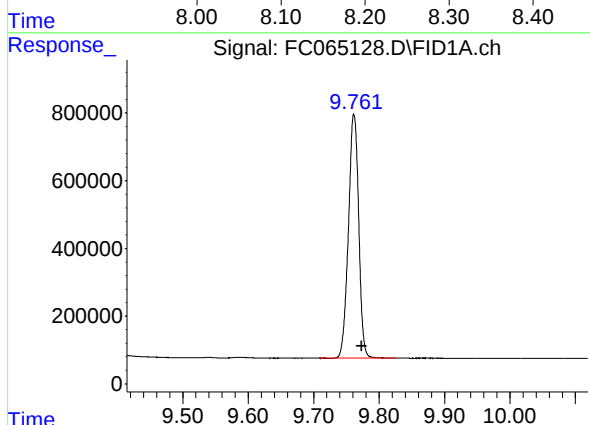
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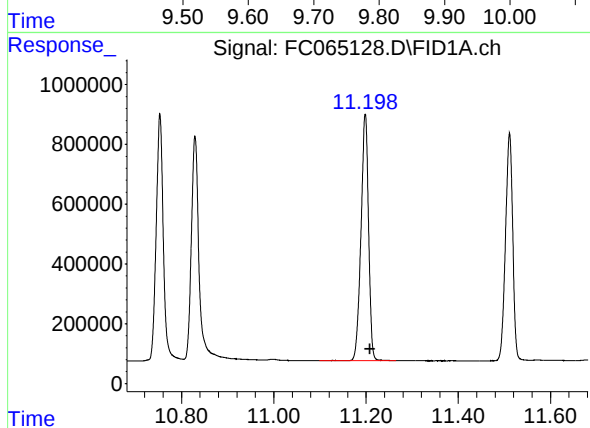
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.011 min
Response: 5340662
Conc: 28.30 ug/ml



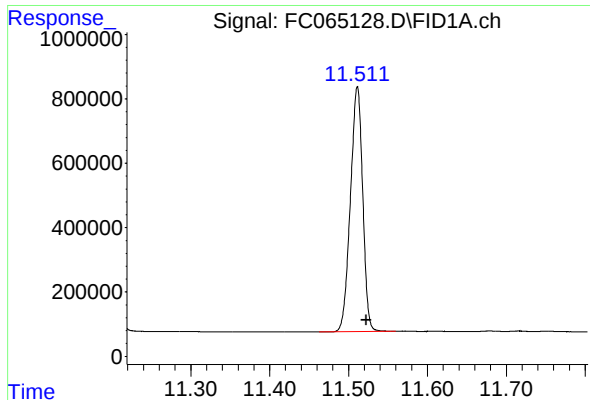
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.012 min
Response: 7864964
Conc: 41.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: -0.010 min
Response: 9374165
Conc: 49.67 ug/ml



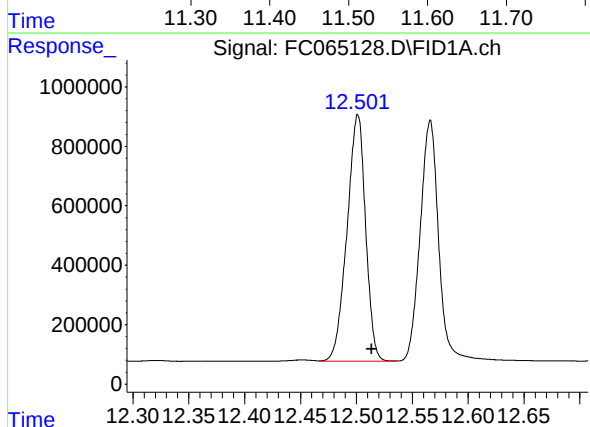
#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: -0.012 min
Response: 8242773
Conc: 37.45 ug/ml

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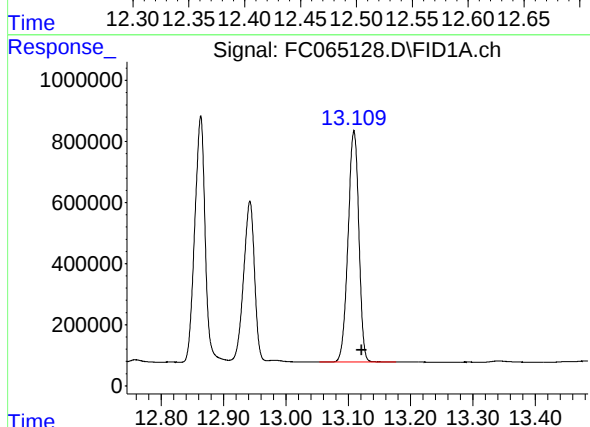
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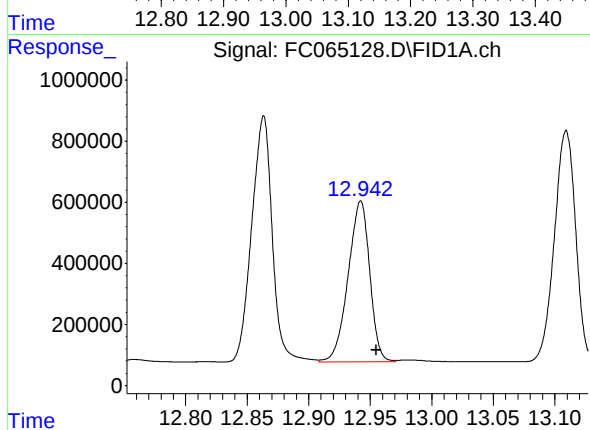
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.012 min
Response: 9615991
Conc: 53.49 ug/ml



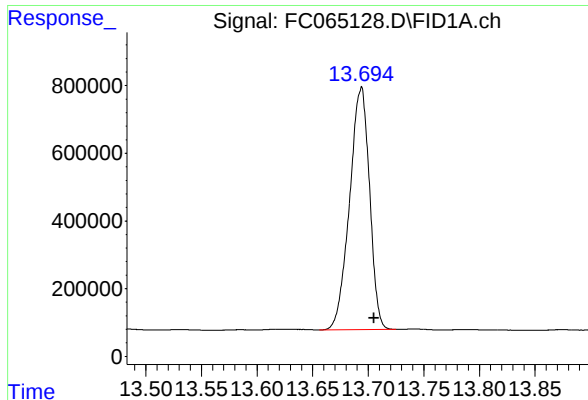
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.012 min
Response: 9087260
Conc: 51.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: -0.013 min
Response: 6433996
Conc: 40.70 ug/ml



#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: -0.012 min
Response: 8947642
Conc: 52.09 ug/ml

Instrument :

FID_C

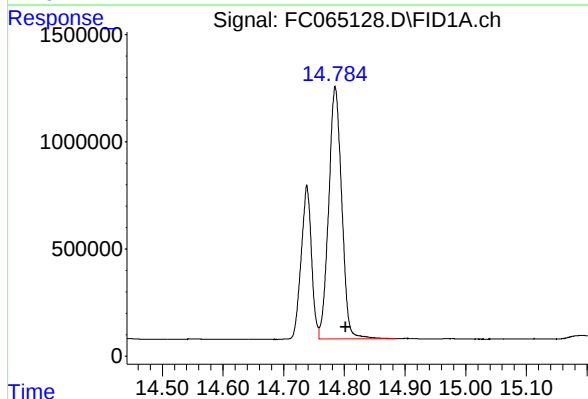
ClientSampleId :

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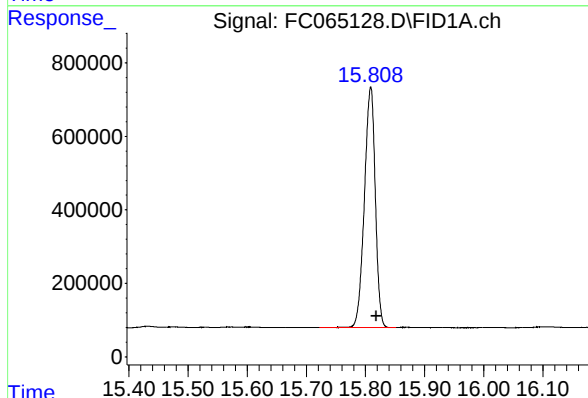
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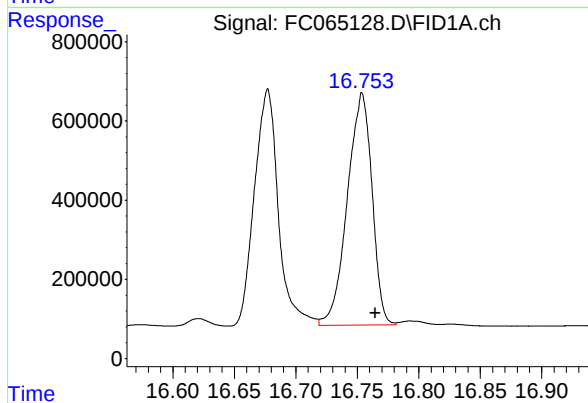
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.017 min
Response: 17592410
Conc: 105.62 ug/ml



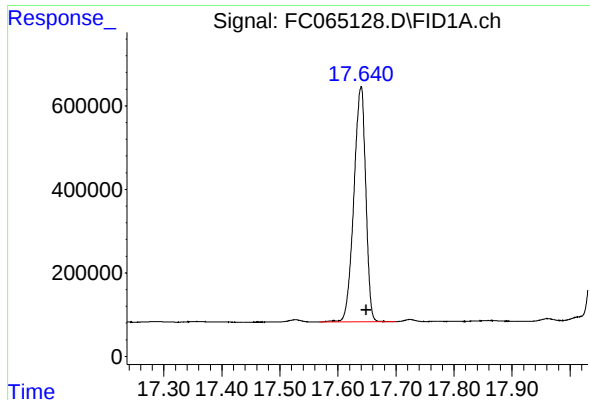
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.010 min
Response: 8374867
Conc: 52.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.011 min
Response: 8174509
Conc: 52.23 ug/ml



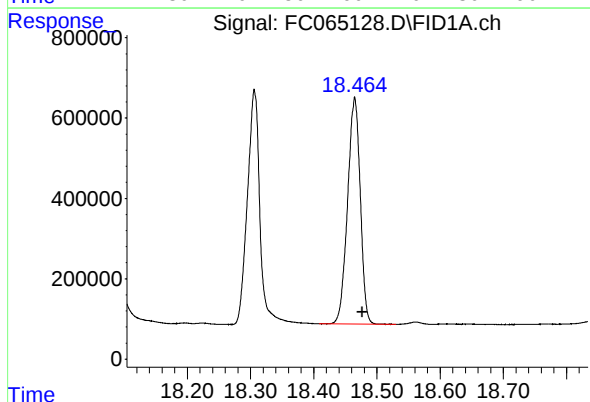
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: -0.009 min
Response: 8032045
Conc: 50.71 ug/ml

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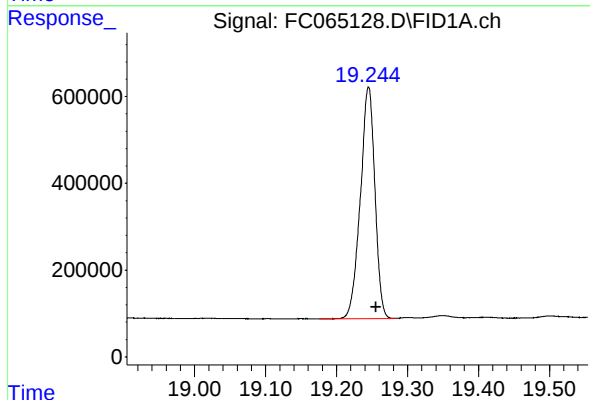
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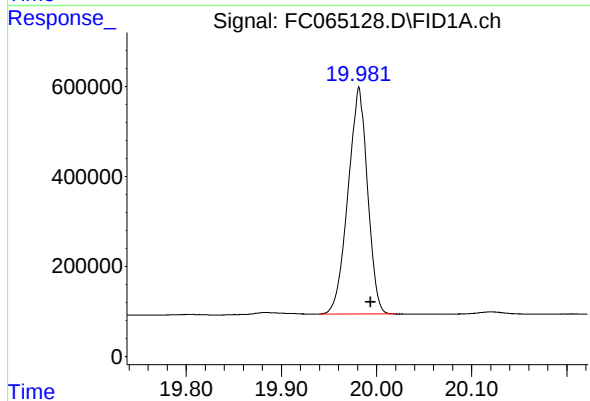
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.012 min
Response: 7875700
Conc: 49.88 ug/ml



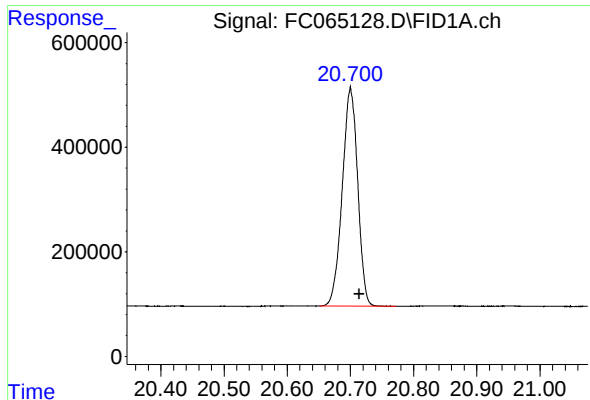
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: -0.011 min
Response: 7617740
Conc: 49.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.981 min
Delta R.T.: -0.013 min
Response: 7215478
Conc: 47.82 ug/ml m



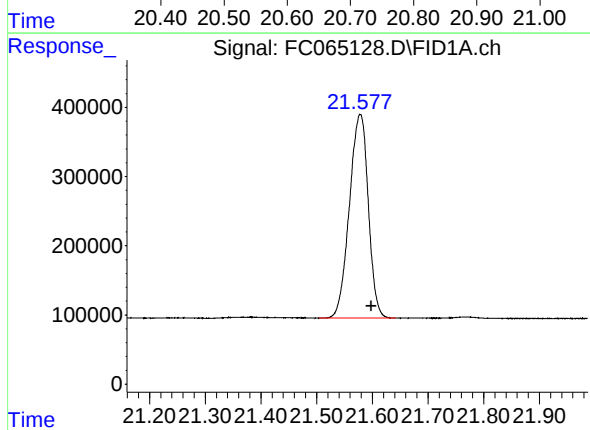
#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 7085584
Conc: 47.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.021 min
Response: 6922389
Conc: 47.07 ug/ml m