

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040523AL\
 Data File : FC063299.D
 Signal(s) : FID1A.ch
 Acq On : 05 Apr 2023 06:42
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/05/2023
 Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e
 Quant Time: Apr 05 07:21:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:18:53 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)	11.528	817993	5.376 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	12.967	564160	5.099 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
Target Compounds			
1) T n-Nonane (C9)	3.297	738076	5.257 ug/ml
2) T n-Decane (C10)	4.364	703852	5.165 ug/ml
3) T A~Naphthalene (C11.7)	5.949	773052	5.113 ug/mlm
4) T n-Dodecane (C12)	6.382	685946	5.099 ug/ml
5) T A~2-methylnaphthalene...	7.005	703769	5.053 ug/mlm
6) T n-Tetradecane (C14)	8.177	711107	5.255 ug/mlm
7) T n-Hexadecane (C16)	9.776	697781	5.138 ug/ml
8) T n-Octadecane (C18)	11.216	738438	5.331 ug/ml
10) T n-Eicosane (C20)	12.523	718428	5.347 ug/ml
11) T n-Heneicosane (C21)	13.133	717988	5.335 ug/ml
13) T n-Docosane (C22)	13.718	707589	5.306 ug/ml
14) T n-Tetracosane (C24)	14.818	710618	5.285 ug/ml
15) T n-Hexacosane (C26)	15.837	709764	5.303 ug/ml
16) T n-Octacosane (C28)	16.784	727119	5.370 ug/ml
17) T n-Tricontane (C30)	17.669	767056	5.545 ug/ml
18) T n-Dotriacontane (C32)	18.499	794872	5.630 ug/ml
19) T n-Tetratriacontane (C34)	19.279	773070	5.602 ug/ml
20) T n-Hexatriacontane (C36)	20.017	696980	5.453 ug/ml
21) T n-Octatriacontane (C38)	20.743	654001	5.311 ug/ml
22) T n-Tetracontane (C40)	21.637	618347	5.255 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FC063299.D
Signal(s) : FID1A.ch
Acq On : 05 Apr 2023 06:42
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

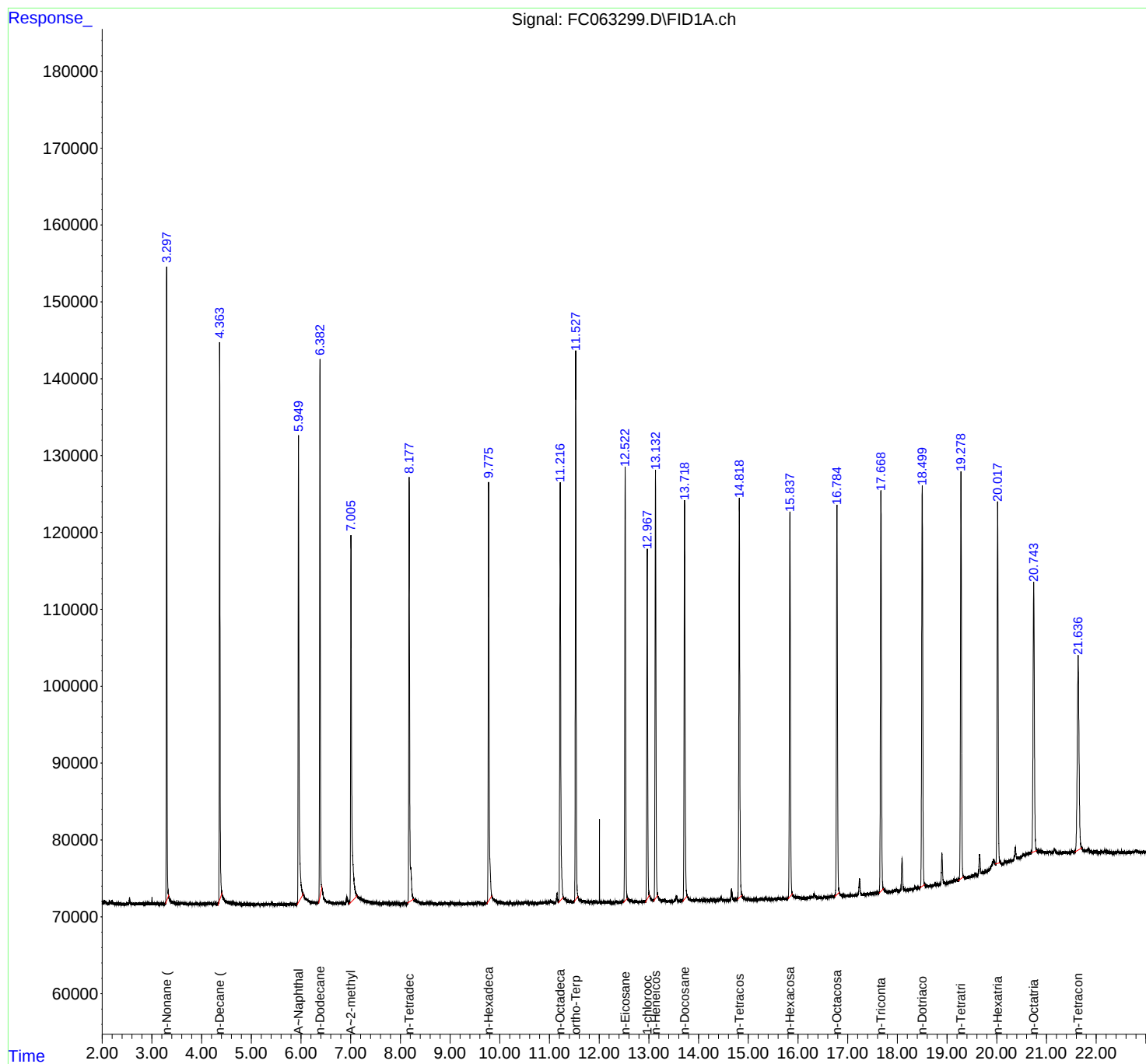
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

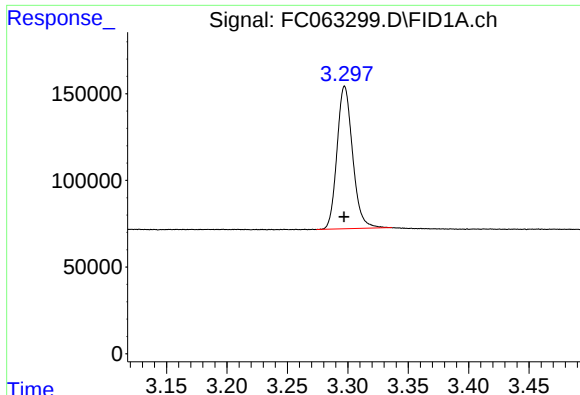
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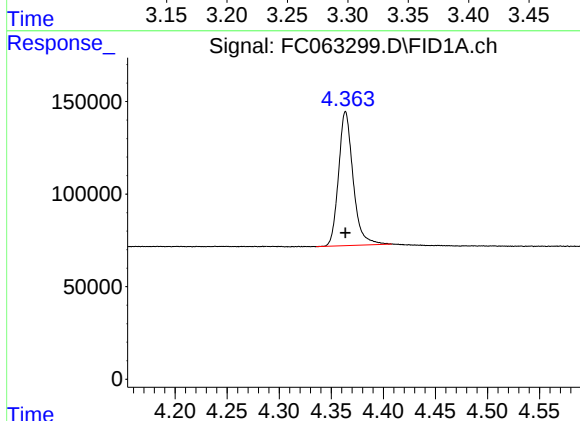
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 738076
Conc: 5.26 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

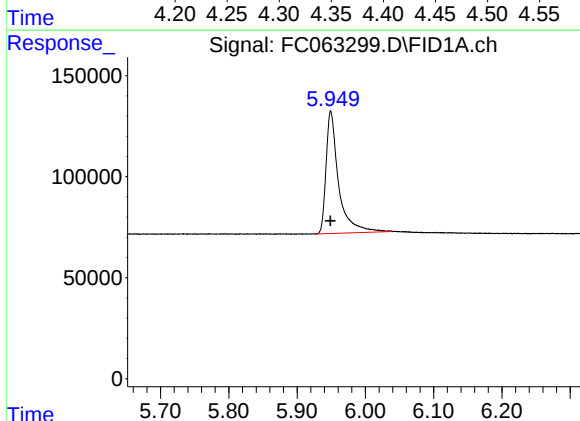
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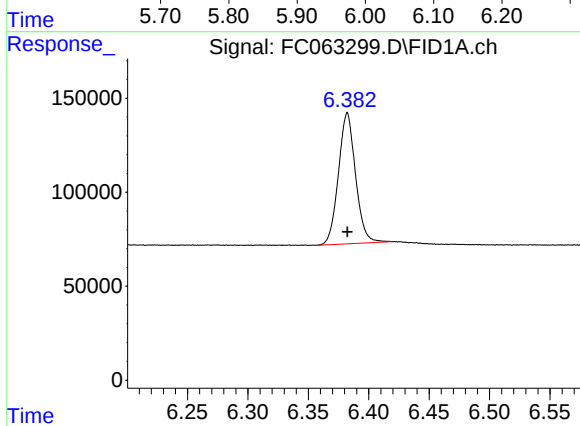
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 703852
Conc: 5.17 ug/ml



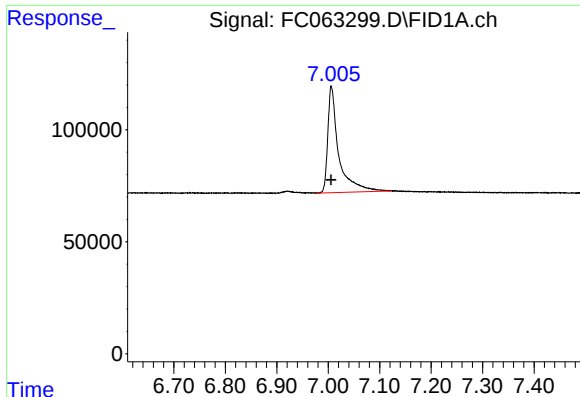
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 773052
Conc: 5.11 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 685946
Conc: 5.10 ug/ml



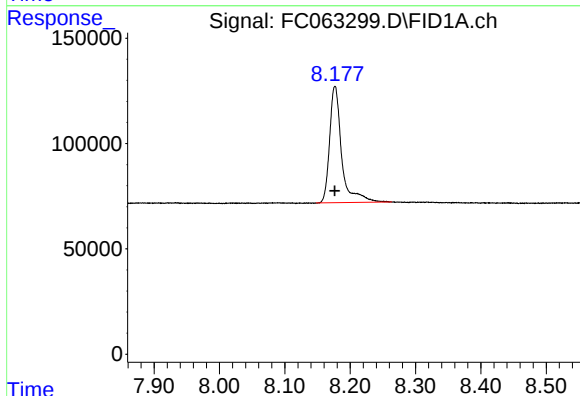
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 703769
Conc: 5.05 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

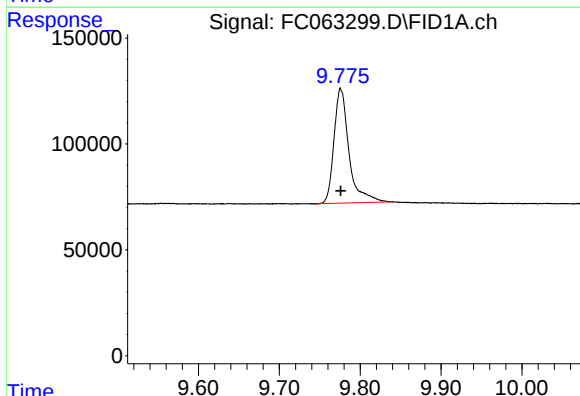
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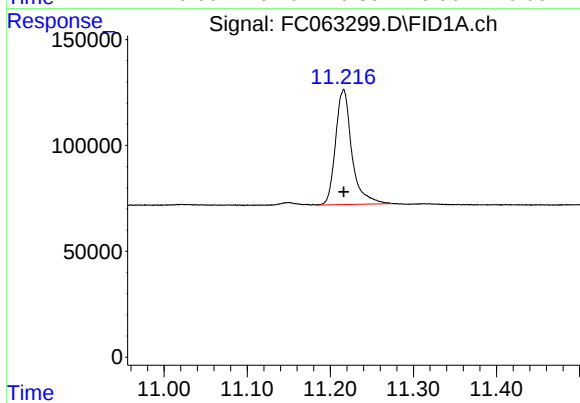
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 711107
Conc: 5.25 ug/ml m



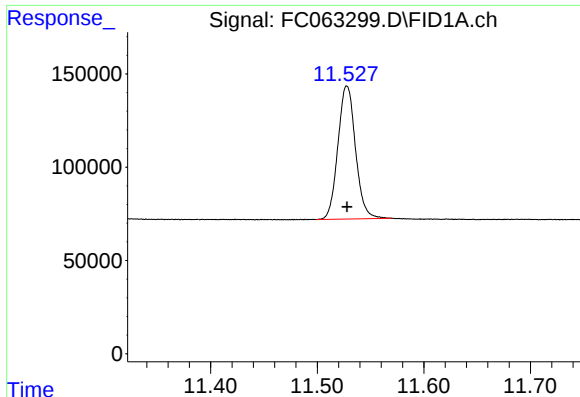
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 697781
Conc: 5.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 738438
Conc: 5.33 ug/ml



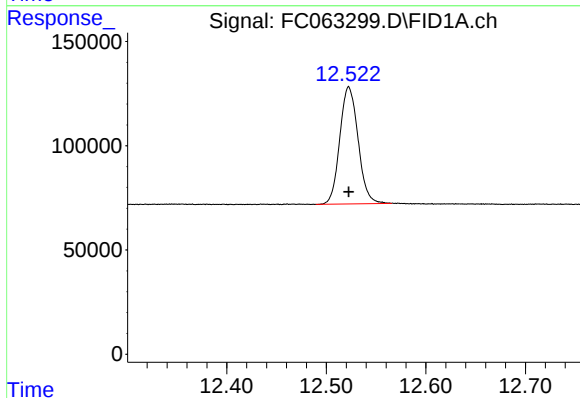
#9 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: 0.000 min
Response: 817993
Conc: 5.38 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

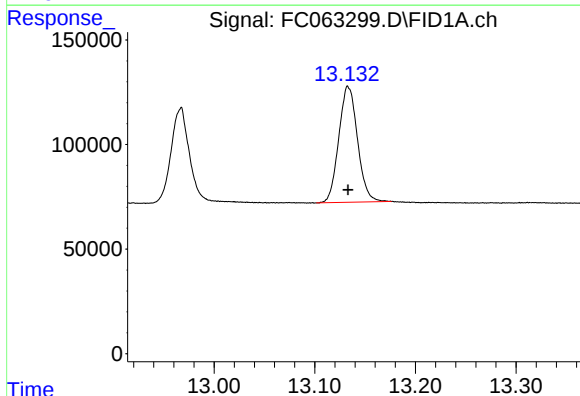
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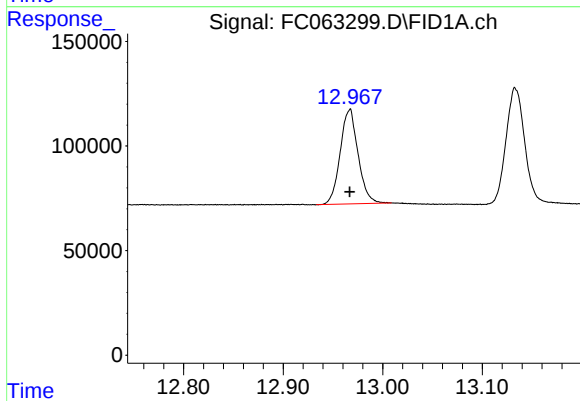
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 718428
Conc: 5.35 ug/ml



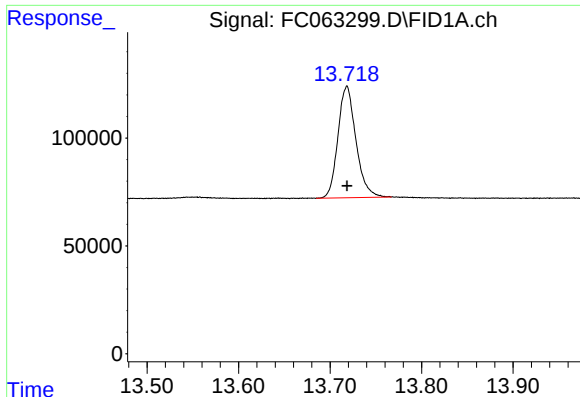
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 717988
Conc: 5.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 564160
Conc: 5.10 ug/ml



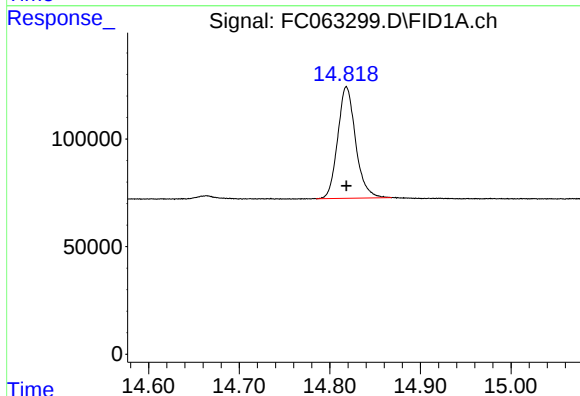
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: 0.000 min
Response: 707589
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

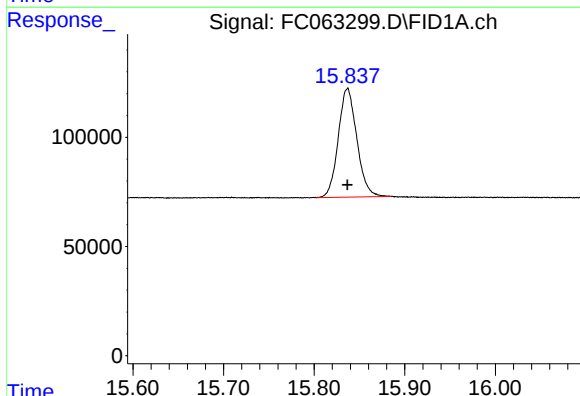
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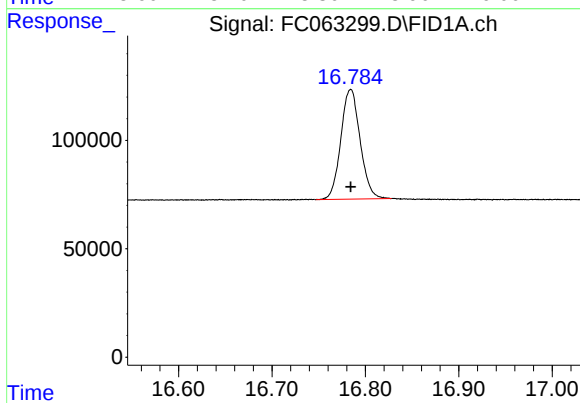
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 710618
Conc: 5.29 ug/ml



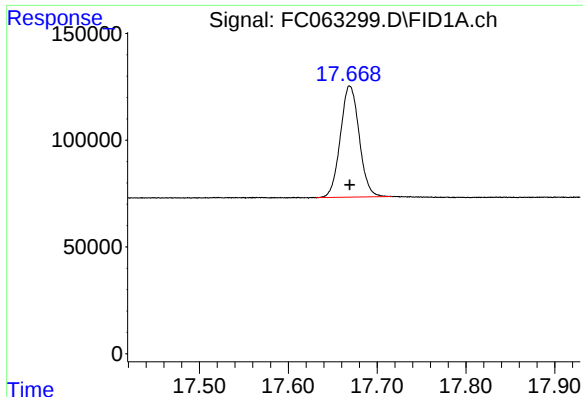
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.000 min
Response: 709764
Conc: 5.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: 0.000 min
Response: 727119
Conc: 5.37 ug/ml



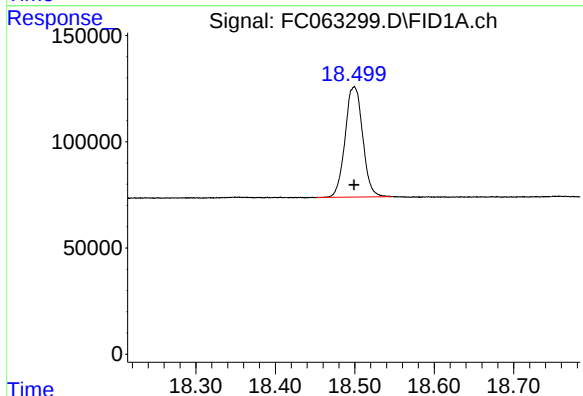
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 767056
Conc: 5.54 ug/ml

Instrument :
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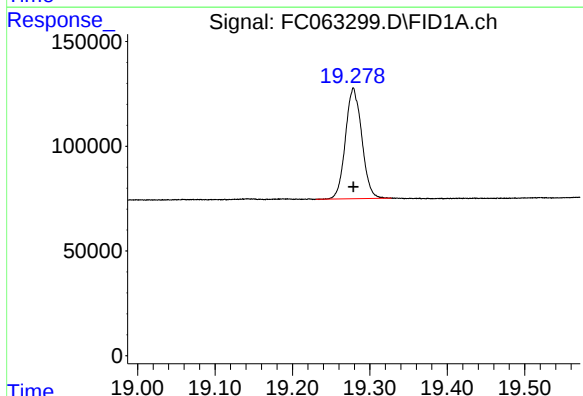
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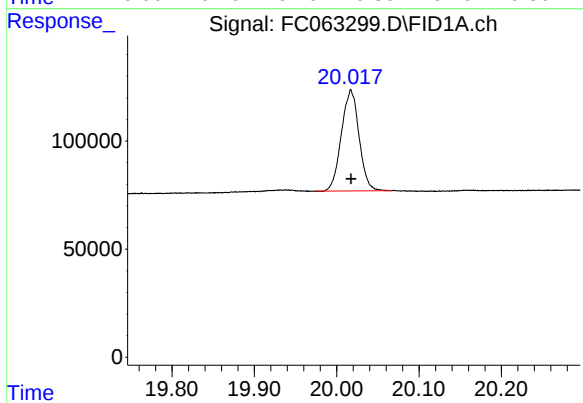
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 794872
Conc: 5.63 ug/ml



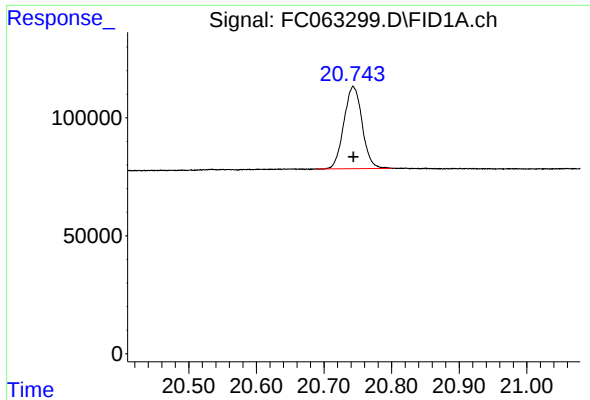
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 773070
Conc: 5.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 696980
Conc: 5.45 ug/ml



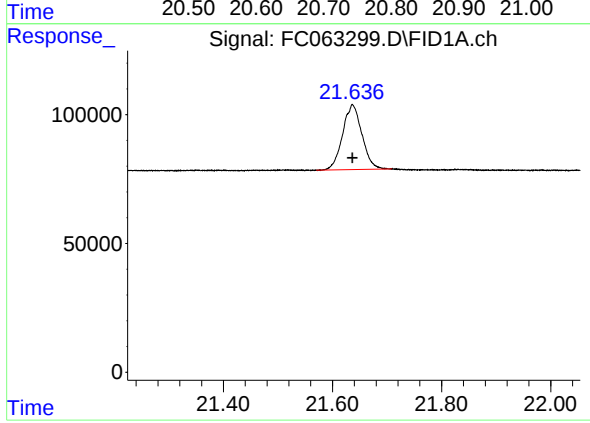
#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 654001
Conc: 5.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: 0.000 min
Response: 618347
Conc: 5.25 ug/ml