

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060523AL\
 Data File : FC063745.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2023 22:14
 Operator : YP/AJ
 Sample : 03029-15MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-10-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2023
 Supervised By :Ankita Jodhani 06/06/2023

Integration File: autoint1.e
 Quant Time: Jun 06 02:36:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.538	4997397	27.385 ug/ml
Spiked Amount 50.000		Recovery =	54.77%
12) S 1-chlorooctadecane (S...	12.972	3823613	29.925 ug/ml
Spiked Amount 50.000		Recovery =	59.85%
Target Compounds			
1) T n-Nonane (C9)	3.317	4705999	29.526 ug/ml
2) T n-Decane (C10)	4.380	5550426	34.336 ug/ml
3) T A~Naphthalene (C11.7)	5.961	6387526	36.768 ug/ml
4) T n-Dodecane (C12)	6.395	6343907	38.798 ug/ml
5) T A~2-methylnaphthalene...	7.017	6478532	39.546 ug/ml
6) T n-Tetradecane (C14)	8.190	6878916	43.739 ug/ml
7) T n-Hexadecane (C16)	9.786	7532462	47.332 ug/ml
8) T n-Octadecane (C18)	11.226	7491956	47.349 ug/ml
10) T n-Eicosane (C20)	12.531	7397830	50.022 ug/ml
11) T n-Heneicosane (C21)	13.141	7041814	48.920 ug/ml
13) T n-Docosane (C22)	13.726	6956096	49.379 ug/ml
14) T n-Tetracosane (C24)	14.811	12388064	90.279 ug/mlm
15) T n-Hexacosane (C26)	15.845	6717941	50.666 ug/ml
16) T n-Octacosane (C28)	16.792	6694088	52.719 ug/ml
17) T n-Tricontane (C30)	17.679	6830187	53.460 ug/ml
18) T n-Dotriacontane (C32)	18.508	6727635	54.066 ug/ml
19) T n-Tetratriacontane (C34)	19.291	6859545	55.634 ug/ml
20) T n-Hexatriacontane (C36)	20.030	6383808	53.188 ug/ml
21) T n-Octatriacontane (C38)	20.758	6299538	52.178 ug/mlm
22) T n-Tetracontane (C40)	21.657	6131164	50.600 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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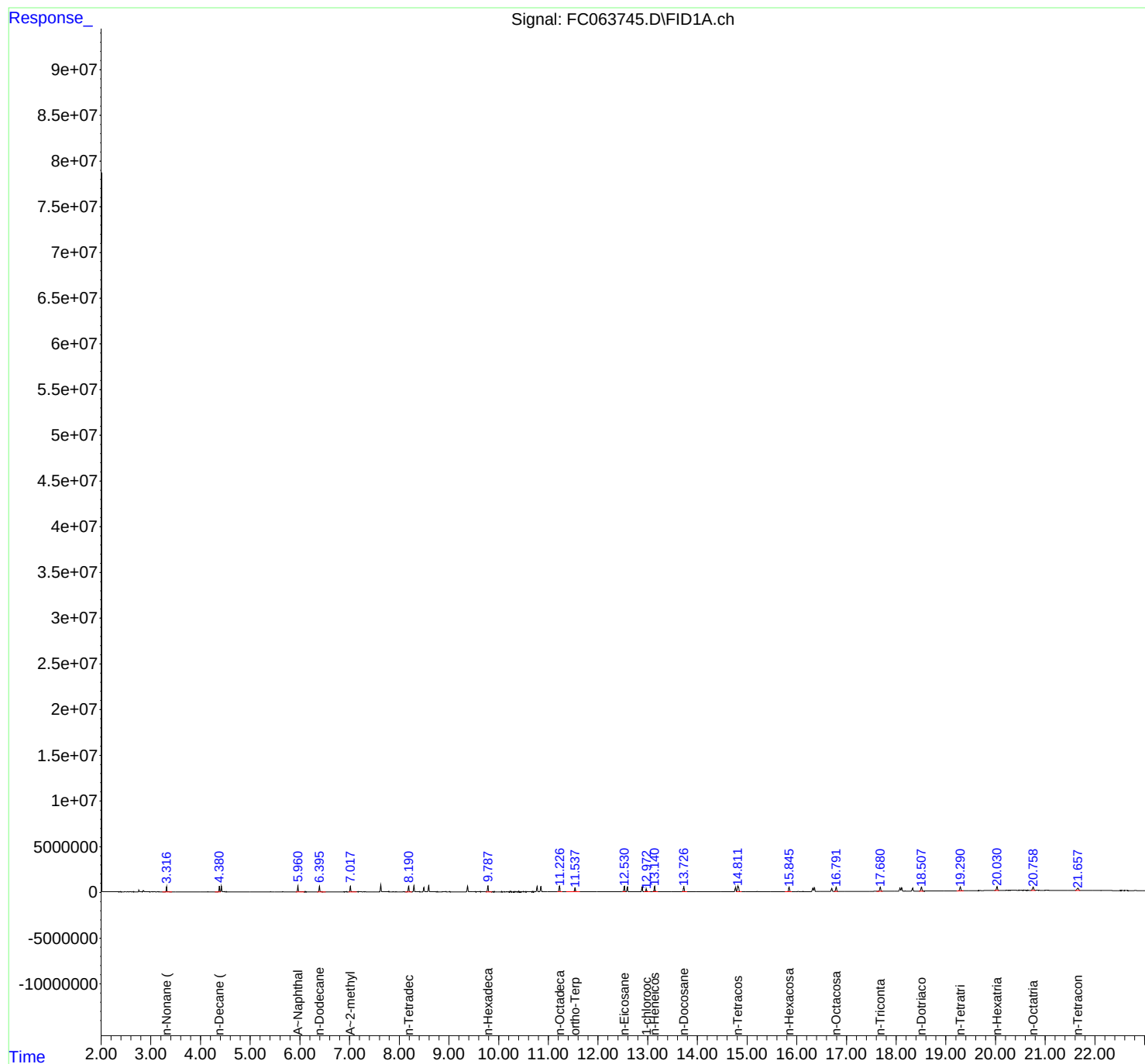
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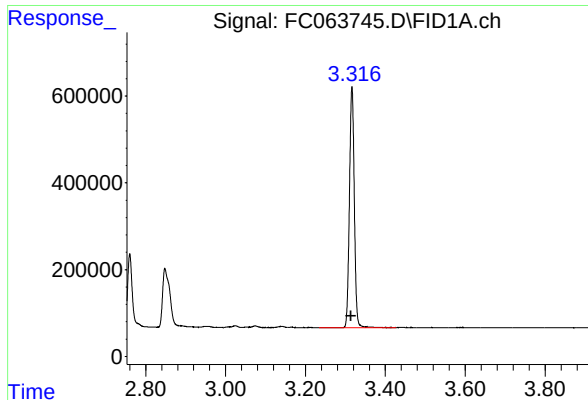
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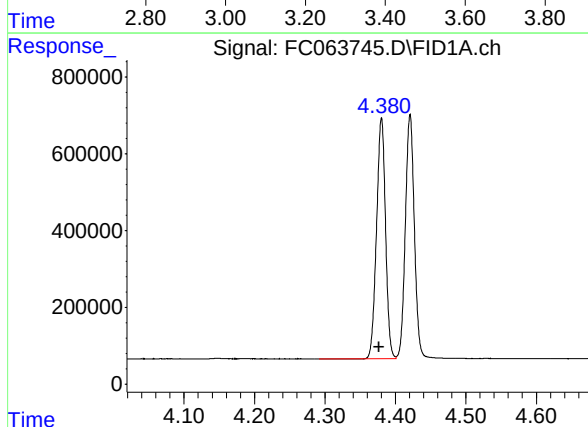
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 4705999
Conc: 29.53 ug/ml

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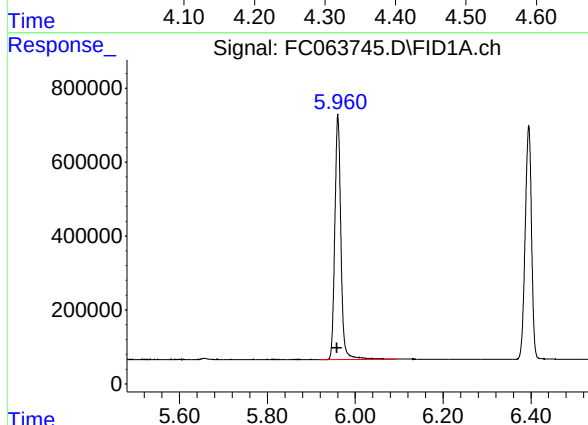
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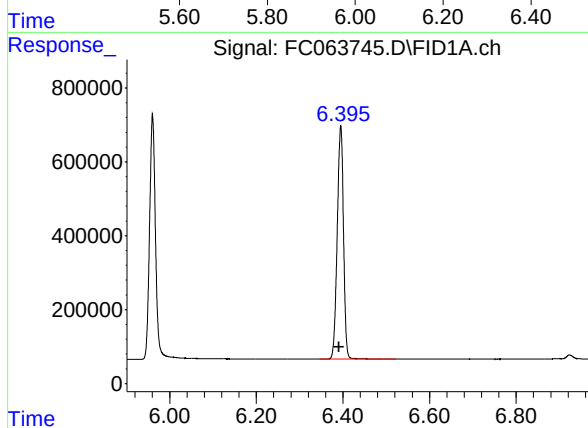
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.004 min
Response: 5550426
Conc: 34.34 ug/ml



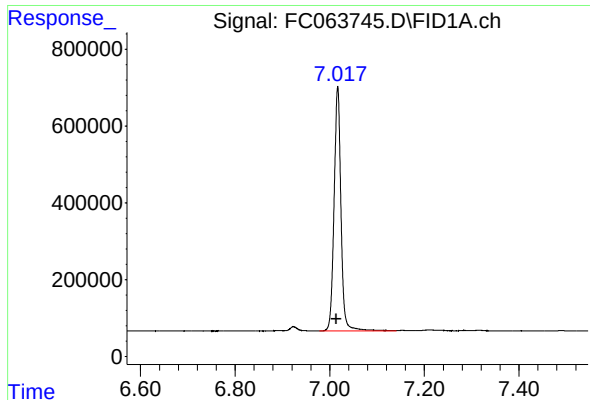
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.002 min
Response: 6387526
Conc: 36.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.395 min
Delta R.T.: 0.004 min
Response: 6343907
Conc: 38.80 ug/ml



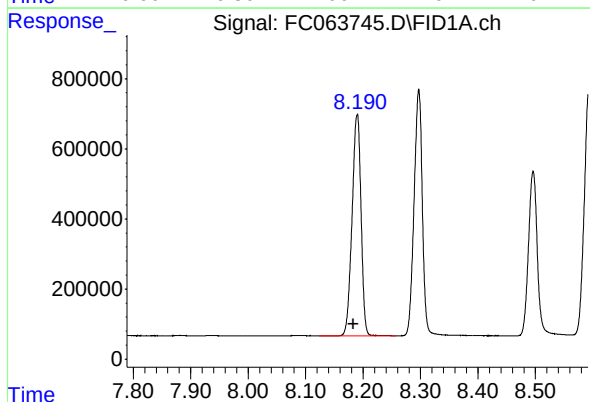
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: 0.003 min
Response: 6478532
Conc: 39.55 ug/ml

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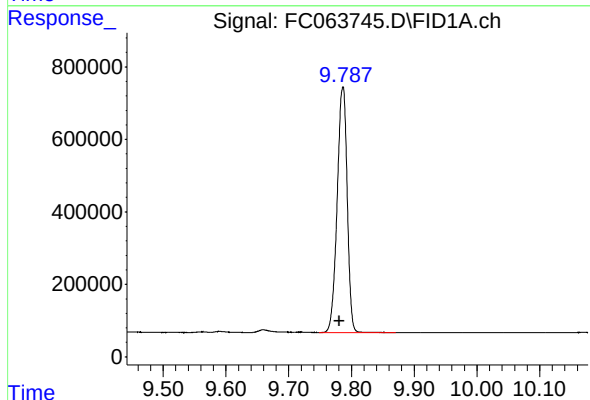
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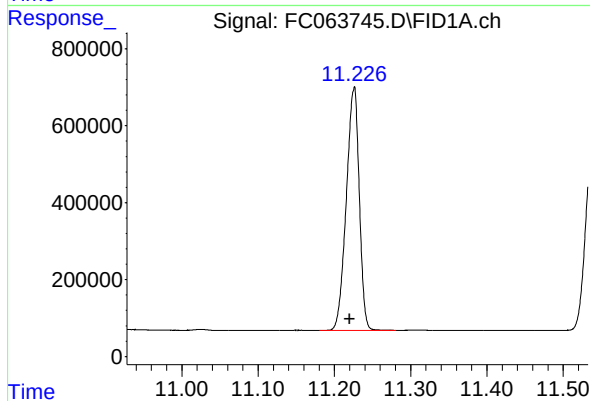
#6 n-Tetradecane (C14)

R.T.: 8.190 min
Delta R.T.: 0.007 min
Response: 6878916
Conc: 43.74 ug/ml



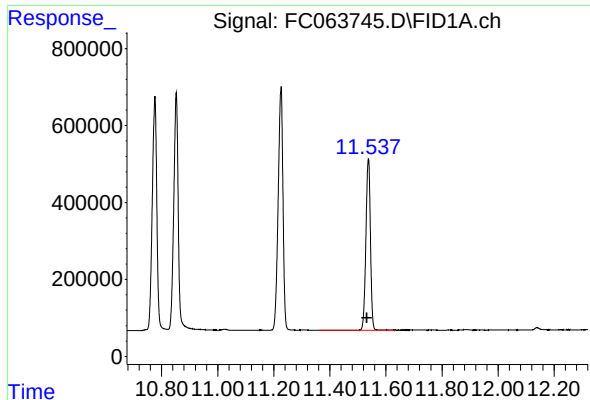
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: 0.006 min
Response: 7532462
Conc: 47.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.226 min
Delta R.T.: 0.006 min
Response: 7491956
Conc: 47.35 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: 0.005 min
Response: 4997397
Conc: 27.39 ug/ml

Instrument :

FID_C

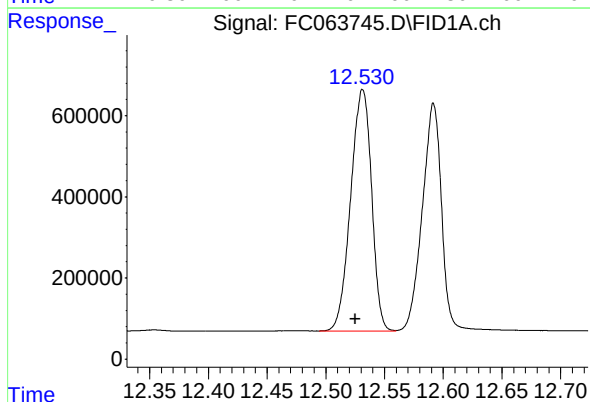
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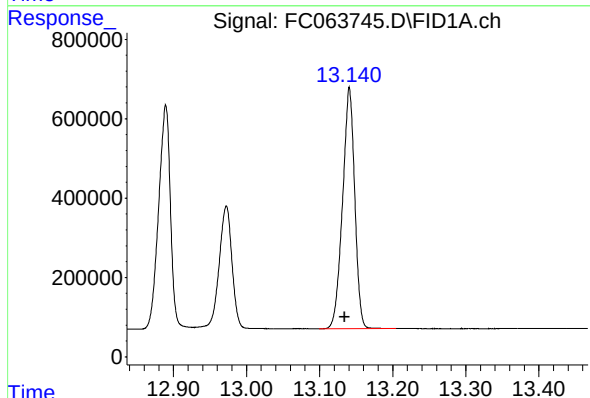
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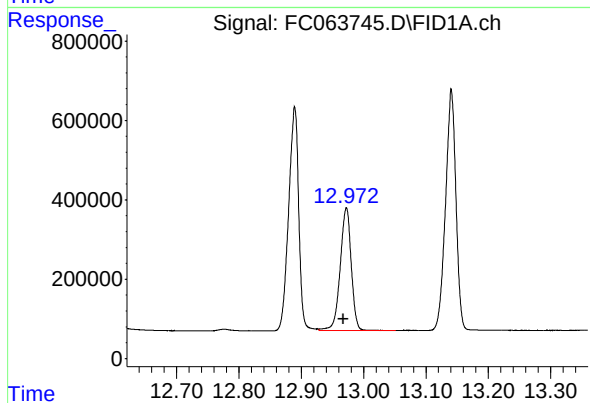
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: 0.006 min
Response: 7397830
Conc: 50.02 ug/ml



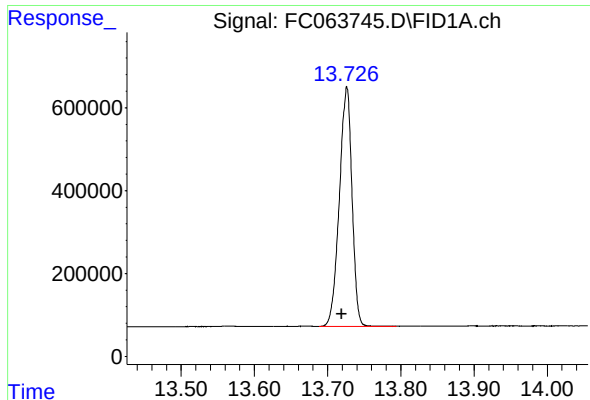
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: 0.006 min
Response: 7041814
Conc: 48.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: 0.005 min
Response: 3823613
Conc: 29.93 ug/ml



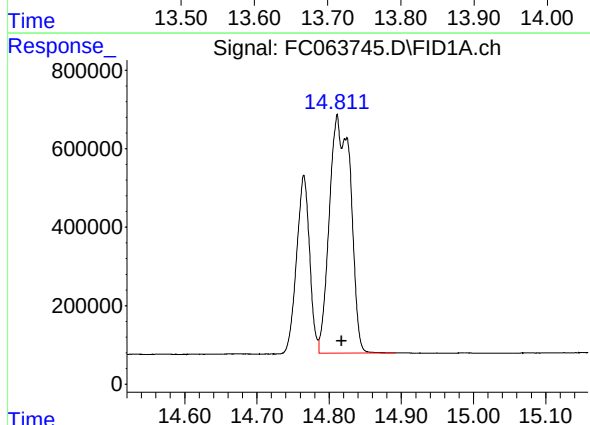
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: 0.007 min
Response: 6956096
Conc: 49.38 ug/ml

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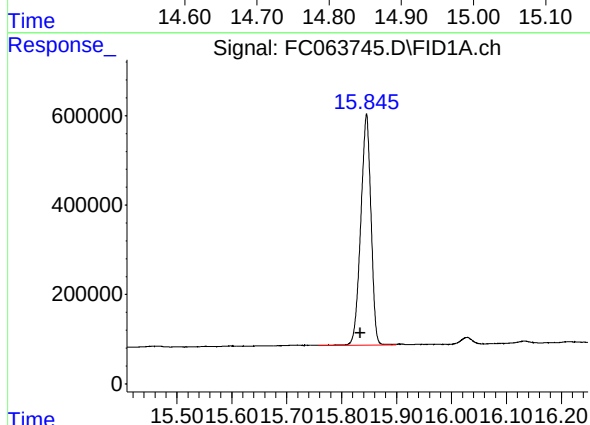
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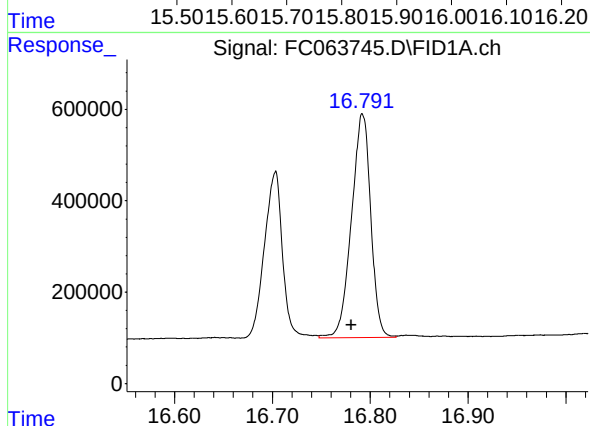
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 12388064
Conc: 90.28 ug/ml



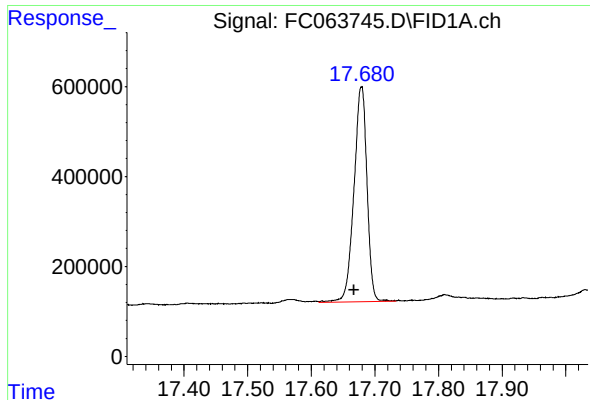
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.011 min
Response: 6717941
Conc: 50.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.792 min
Delta R.T.: 0.011 min
Response: 6694088
Conc: 52.72 ug/ml



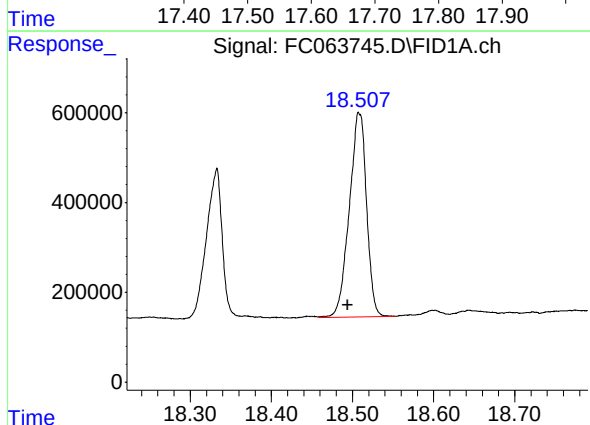
#17 n-Tricontane (C30)

R.T.: 17.679 min
Delta R.T.: 0.012 min
Response: 6830187
Conc: 53.46 ug/ml

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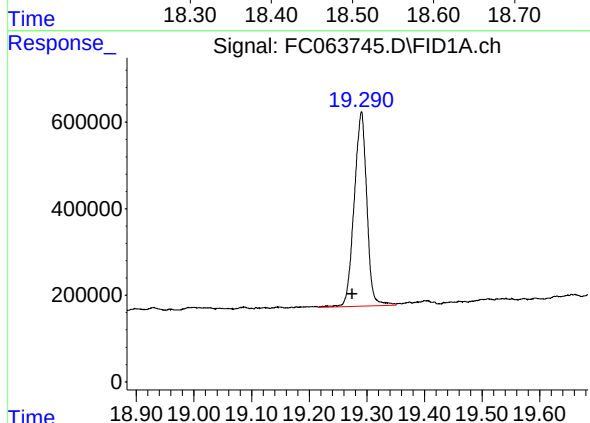
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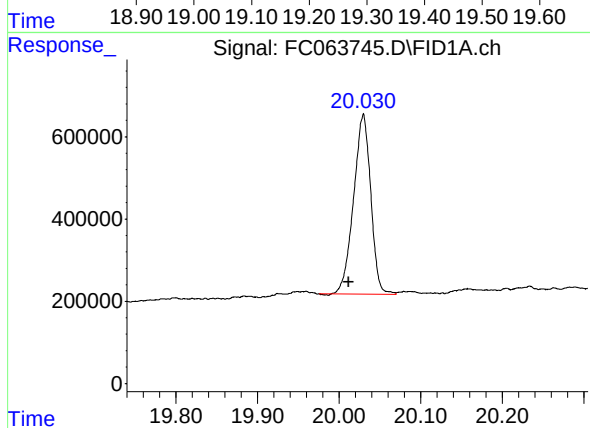
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.014 min
Response: 6727635
Conc: 54.07 ug/ml



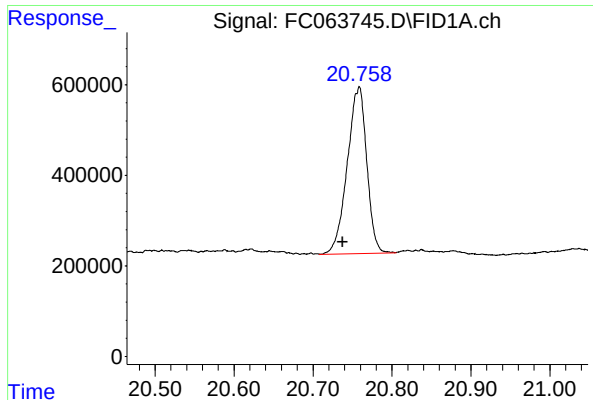
#19 n-Tetatriacontane (C34)

R.T.: 19.291 min
Delta R.T.: 0.016 min
Response: 6859545
Conc: 55.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.030 min
Delta R.T.: 0.018 min
Response: 6383808
Conc: 53.19 ug/ml



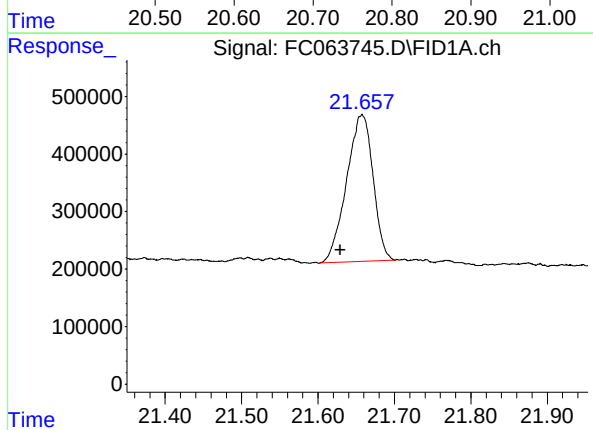
#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: 0.021 min
Response: 6299538
Conc: 52.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: 0.028 min
Response: 6131164
Conc: 50.60 ug/ml m