

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121724AL\
 Data File : FC068024.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2024 19:59
 Operator : YP/AJ
 Sample : P5301-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HR-04-121624MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 18 01:19:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.453	5425237	31.375 ug/ml
Spiked Amount 50.000		Recovery =	62.75%
12) S 1-chlorooctadecane (S...	12.893	5146064	40.331 ug/ml
Spiked Amount 50.000		Recovery =	80.66%
Target Compounds			
1) T n-Nonane (C9)	3.239	5174685	33.306 ug/ml
2) T n-Decane (C10)	4.301	6004318	37.876 ug/ml
3) T A~Naphthalene (C11.7)	5.873	7657482	43.862 ug/ml
4) T n-Dodecane (C12)	6.314	7395685	45.932 ug/ml
5) T A~2-methylnaphthalene...	6.930	7867575	46.956 ug/ml
6) T n-Tetradecane (C14)	8.110	9360747	58.874 ug/ml
7) T n-Hexadecane (C16)	9.706	9613946	59.509 ug/ml
8) T n-Octadecane (C18)	11.147	9353123	58.259 ug/ml
10) T n-Eicosane (C20)	12.455	9051850	60.174 ug/ml
11) T n-Heneicosane (C21)	13.065	8503833	58.199 ug/ml
13) T n-Docosane (C22)	13.651	8223264	57.447 ug/ml
14) T n-Tetracosane (C24)	14.721	15238921	109.673 ug/mlm
15) T n-Hexacosane (C26)	15.774	7635440	57.096 ug/ml
16) T n-Octacosane (C28)	16.720	7597640	58.573 ug/ml
17) T n-Tricontane (C30)	17.610	7704704	59.476 ug/ml
18) T n-Dotriacontane (C32)	18.440	7378237	59.556 ug/ml
19) T n-Tetratriacontane (C34)	19.223	7751894	71.022 ug/ml
20) T n-Hexatriacontane (C36)	19.961	7318723	77.358 ug/mlm
21) T n-Octatriacontane (C38)	20.681	7368781	81.457 ug/mlm
22) T n-Tetracontane (C40)	21.558	6956563	78.927 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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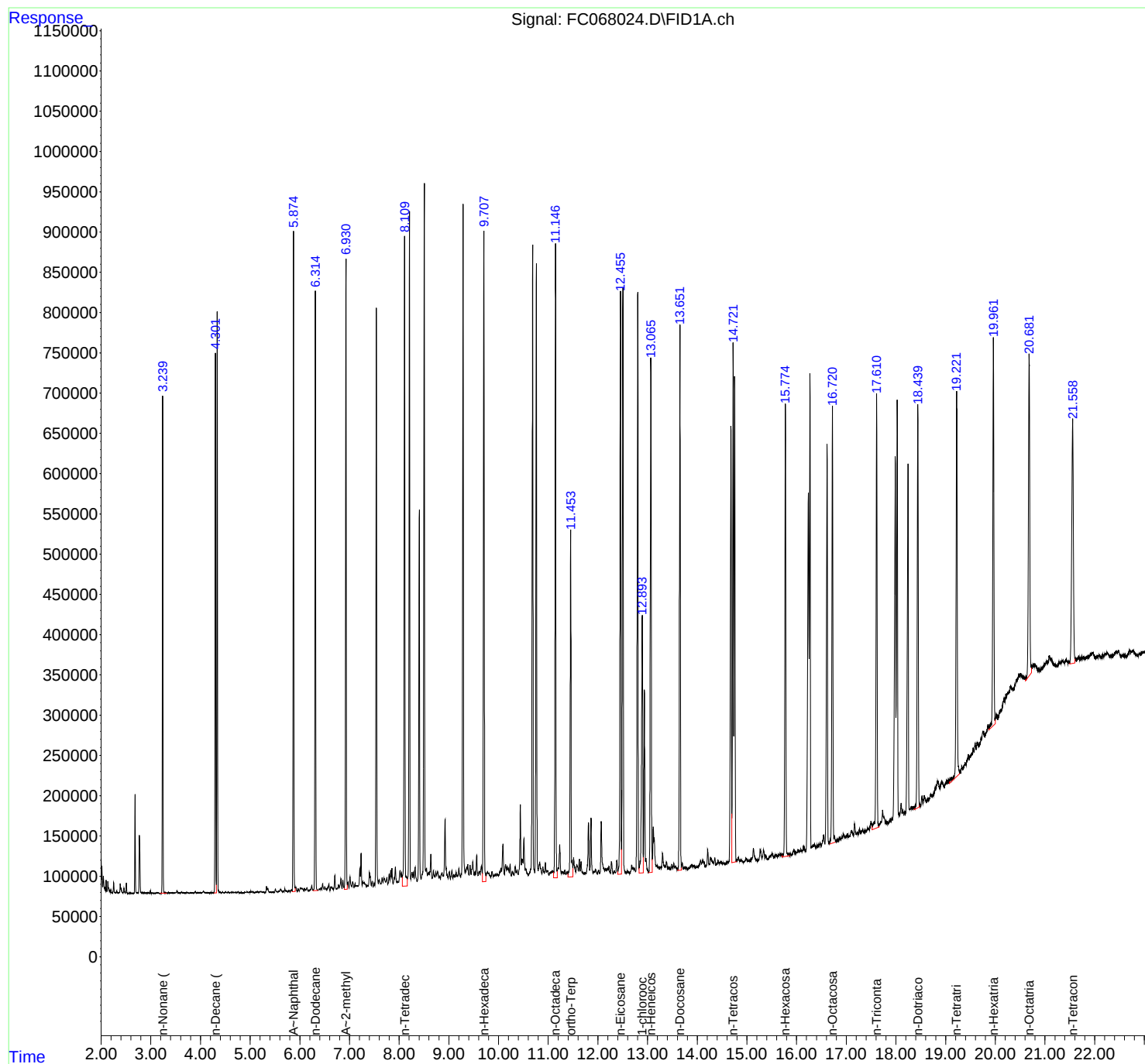
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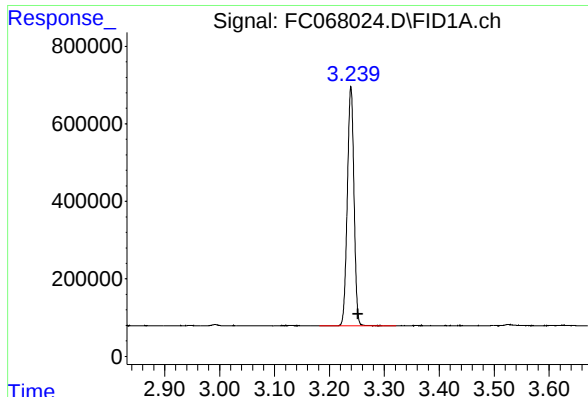
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#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: -0.013 min
Response: 5174685
Conc: 33.31 ug/ml

Instrument :

FID_C

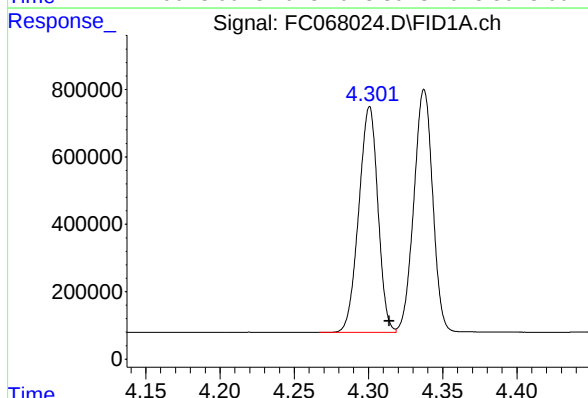
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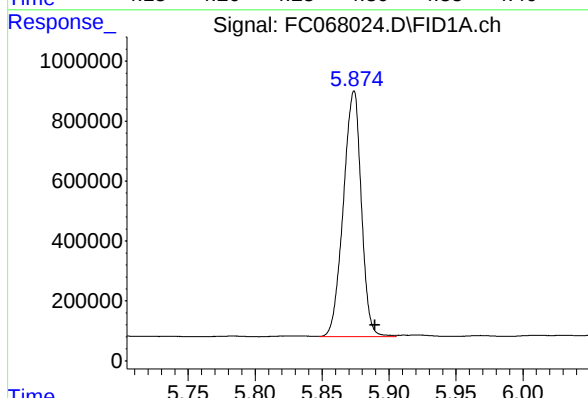
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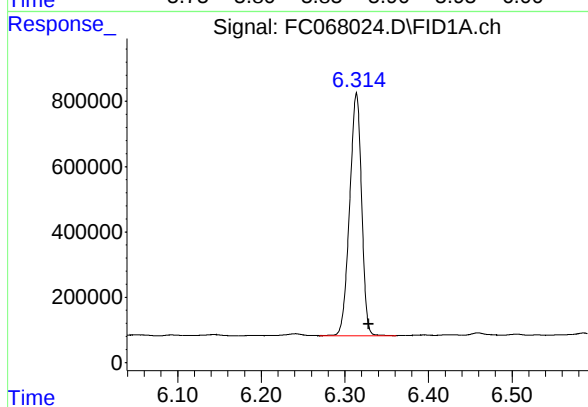
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.014 min
Response: 6004318
Conc: 37.88 ug/ml



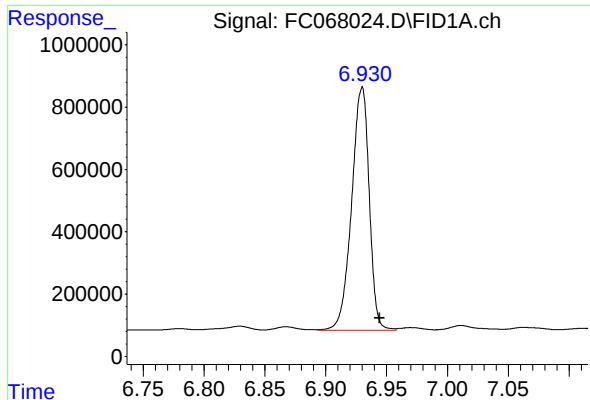
#3 A~Naphthalene (C11.7)

R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 7657482
Conc: 43.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.314 min
Delta R.T.: -0.015 min
Response: 7395685
Conc: 45.93 ug/ml



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

R.T.: 6.930 min
Delta R.T.: -0.015 min
Response: 7867575
Conc: 46.96 ug/ml

Instrument :

FID_C

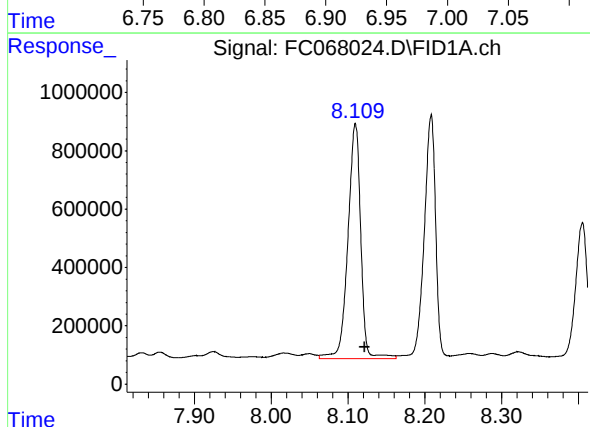
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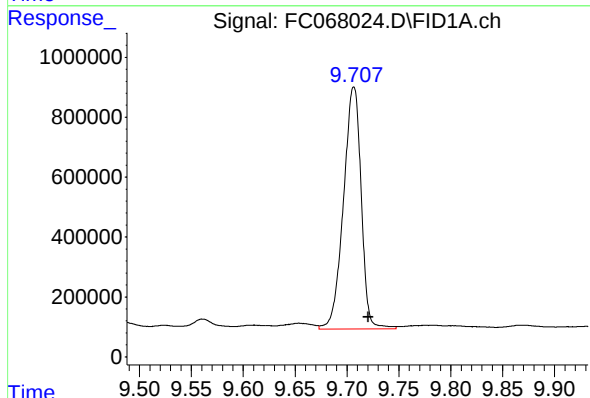
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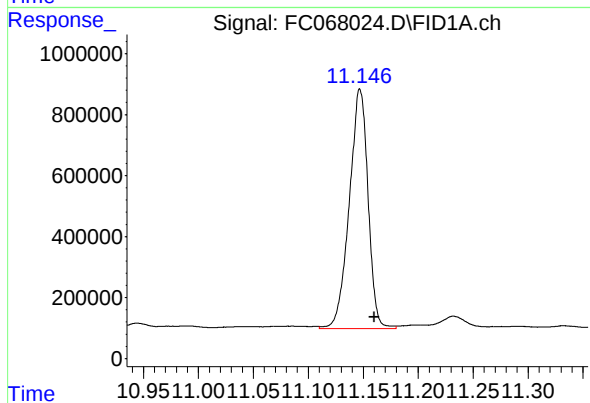
#6 n-Tetradecane (C14)

R.T.: 8.110 min
Delta R.T.: -0.012 min
Response: 9360747
Conc: 58.87 ug/ml



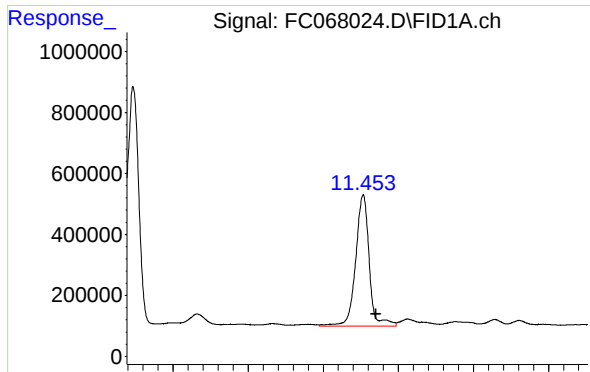
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.014 min
Response: 9613946
Conc: 59.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.147 min
Delta R.T.: -0.013 min
Response: 9353123
Conc: 58.26 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.017 min
Response: 5425237
Conc: 31.38 ug/ml

Instrument :

FID_C

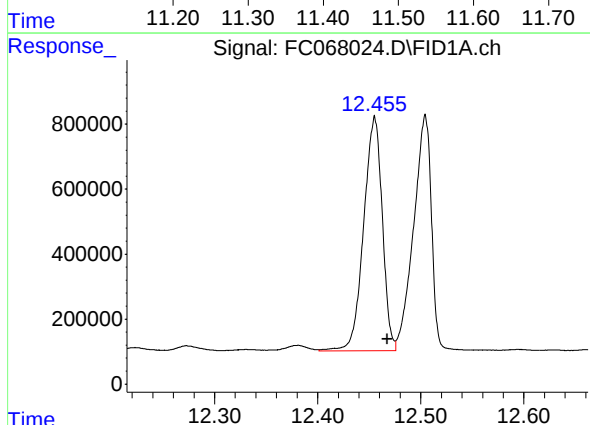
ClientSampleId :

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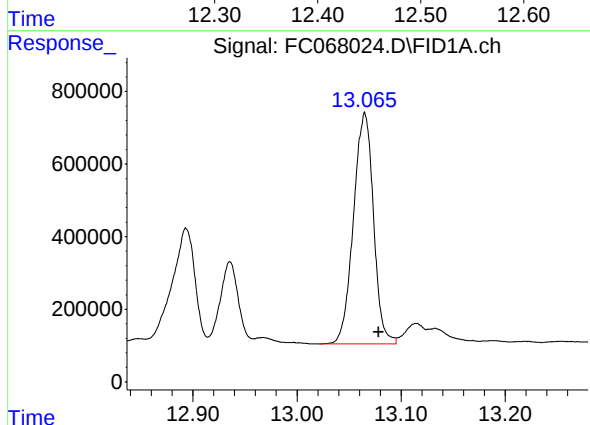
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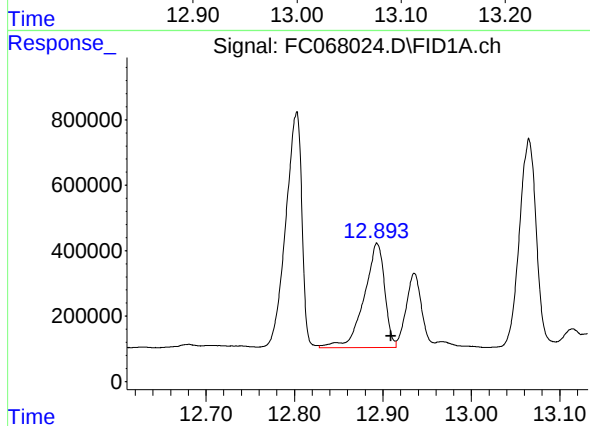
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.013 min
Response: 9051850
Conc: 60.17 ug/ml



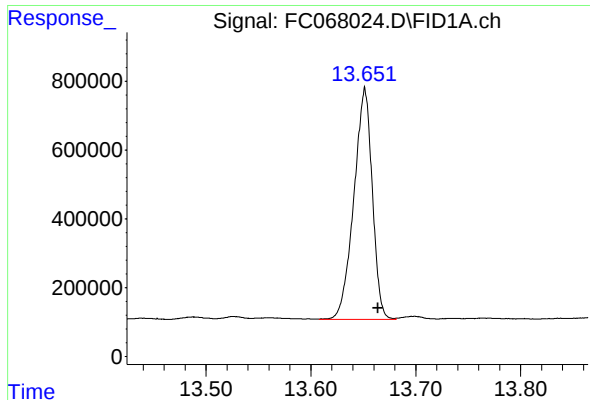
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: -0.014 min
Response: 8503833
Conc: 58.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.893 min
Delta R.T.: -0.016 min
Response: 5146064
Conc: 40.33 ug/ml



#13 n-Docosane (C22)

R.T.: 13.651 min
Delta R.T.: -0.013 min
Response: 8223264
Conc: 57.45 ug/ml

Instrument :

FID_C

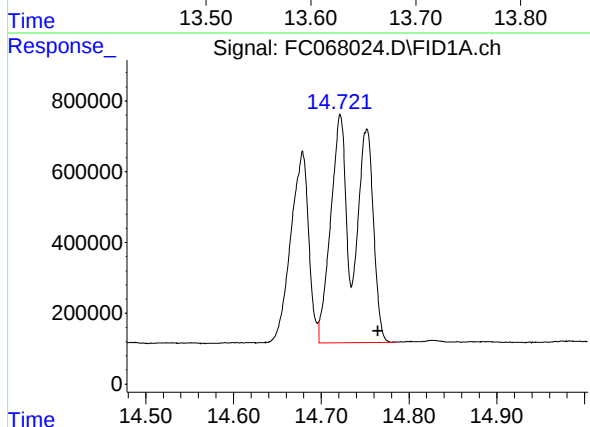
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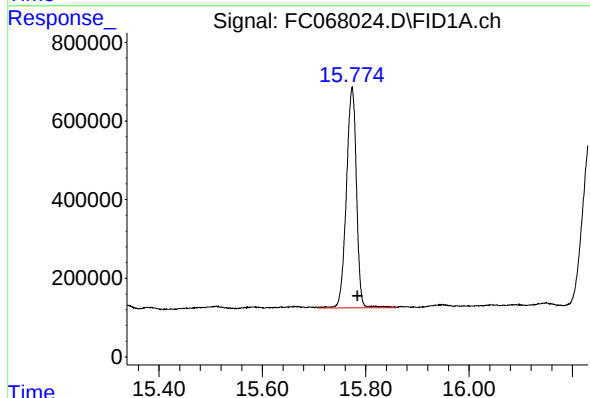
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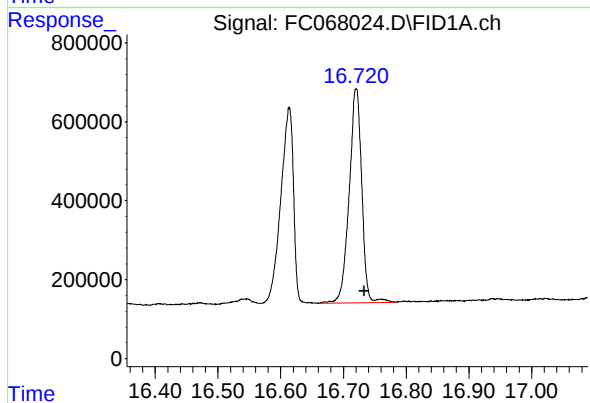
#14 n-Tetracosane (C24)

R.T.: 14.721 min
Delta R.T.: -0.044 min
Response: 15238921
Conc: 109.67 ug/ml m



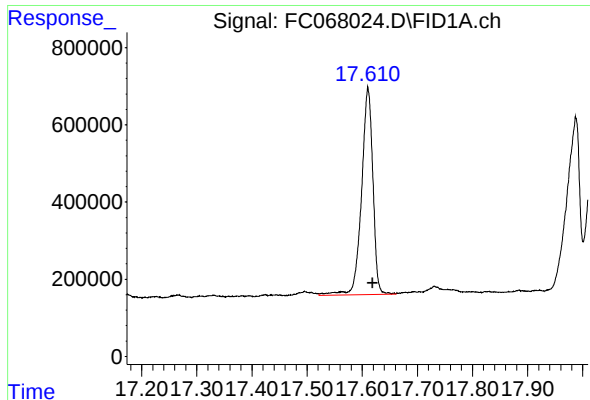
#15 n-Hexacosane (C26)

R.T.: 15.774 min
Delta R.T.: -0.011 min
Response: 7635440
Conc: 57.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.720 min
Delta R.T.: -0.013 min
Response: 7597640
Conc: 58.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.610 min
Delta R.T.: -0.008 min
Response: 7704704
Conc: 59.48 ug/ml

Instrument :

FID_C

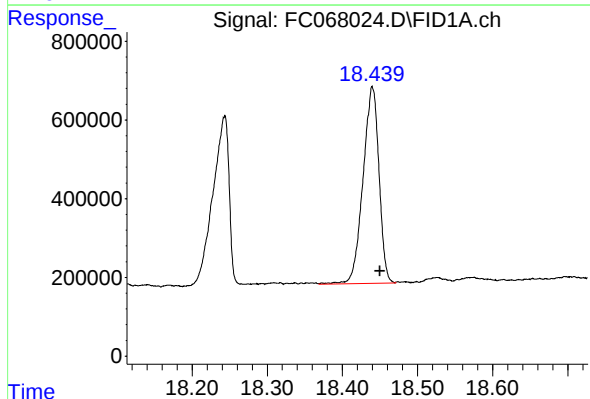
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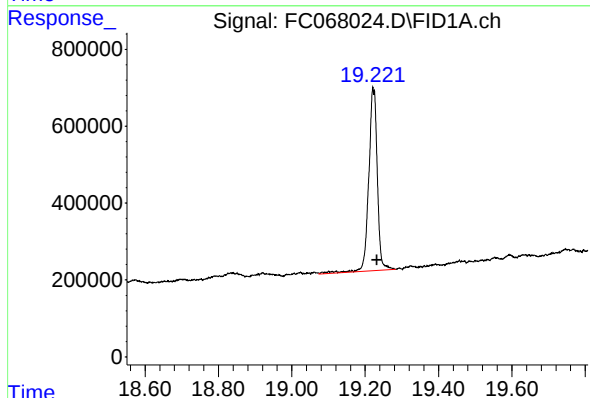
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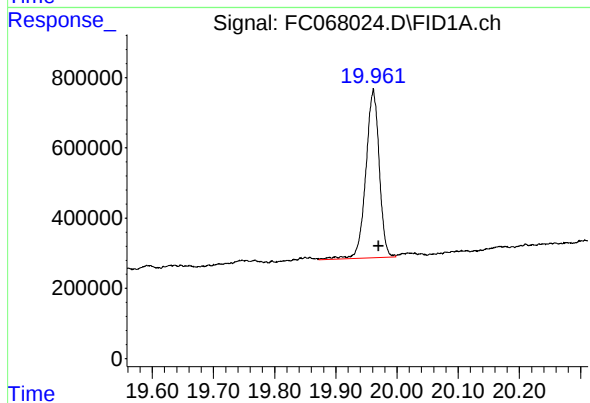
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: -0.010 min
Response: 7378237
Conc: 59.56 ug/ml



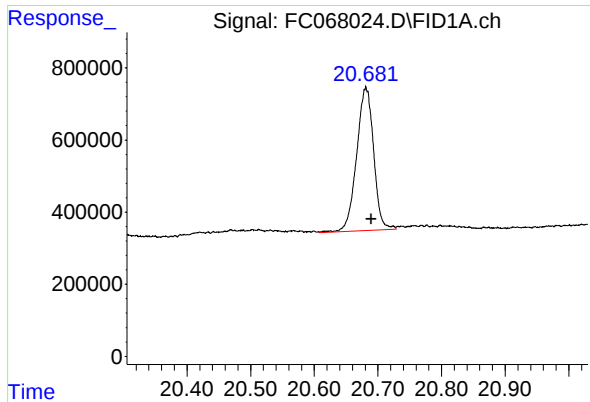
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: -0.010 min
Response: 7751894
Conc: 71.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: -0.009 min
Response: 7318723
Conc: 77.36 ug/ml m



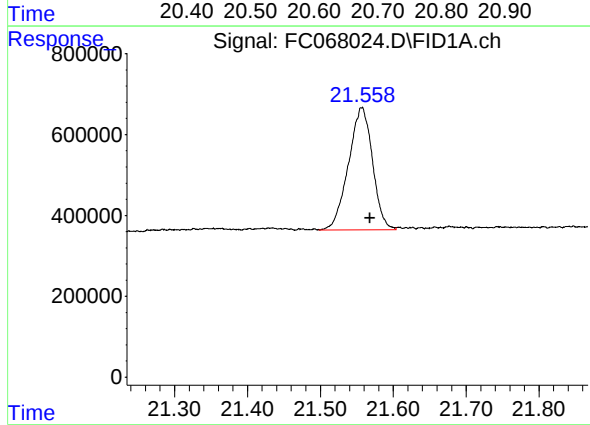
#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.009 min
Response: 7368781
Conc: 81.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: -0.010 min
Response: 6956563
Conc: 78.93 ug/ml m