

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121724AL\
 Data File : FC068023.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2024 19:22
 Operator : YP/AJ
 Sample : P5301-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HR-04-121624MS

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 01:18:58 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	5391457	31.180 ug/ml
Spiked Amount 50.000		Recovery =	62.36%
12) S 1-chlorooctadecane (S...	12.894	5142505	40.304 ug/ml
Spiked Amount 50.000		Recovery =	80.61%
Target Compounds			
1) T n-Nonane (C9)	3.240	5173426	33.298 ug/ml
2) T n-Decane (C10)	4.301	6010824	37.917 ug/ml
3) T A~Naphthalene (C11.7)	5.874	7663892	43.899 ug/ml
4) T n-Dodecane (C12)	6.314	7423748	46.106 ug/ml
5) T A~2-methylnaphthalene...	6.930	7860187	46.912 ug/ml
6) T n-Tetradecane (C14)	8.110	9171909	57.686 ug/ml
7) T n-Hexadecane (C16)	9.707	9621132	59.554 ug/ml
8) T n-Octadecane (C18)	11.147	9317186	58.035 ug/ml
10) T n-Eicosane (C20)	12.456	9033670	60.053 ug/ml
11) T n-Heneicosane (C21)	13.065	8467298	57.949 ug/ml
13) T n-Docosane (C22)	13.650	8157354	56.986 ug/ml
14) T n-Tetracosane (C24)	14.722	15080271	108.531 ug/mlm
15) T n-Hexacosane (C26)	15.774	7518801	56.223 ug/ml
16) T n-Octacosane (C28)	16.721	7392158	56.989 ug/ml
17) T n-Tricontane (C30)	17.610	7557082	58.337 ug/ml
18) T n-Dotriacontane (C32)	18.439	7207476	58.178 ug/ml
19) T n-Tetratriacontane (C34)	19.223	7487414	68.599 ug/ml
20) T n-Hexatriacontane (C36)	19.961	7092858	74.970 ug/mlm
21) T n-Octatriacontane (C38)	20.680	7316790	80.882 ug/mlm
22) T n-Tetracontane (C40)	21.557	6817612	77.351 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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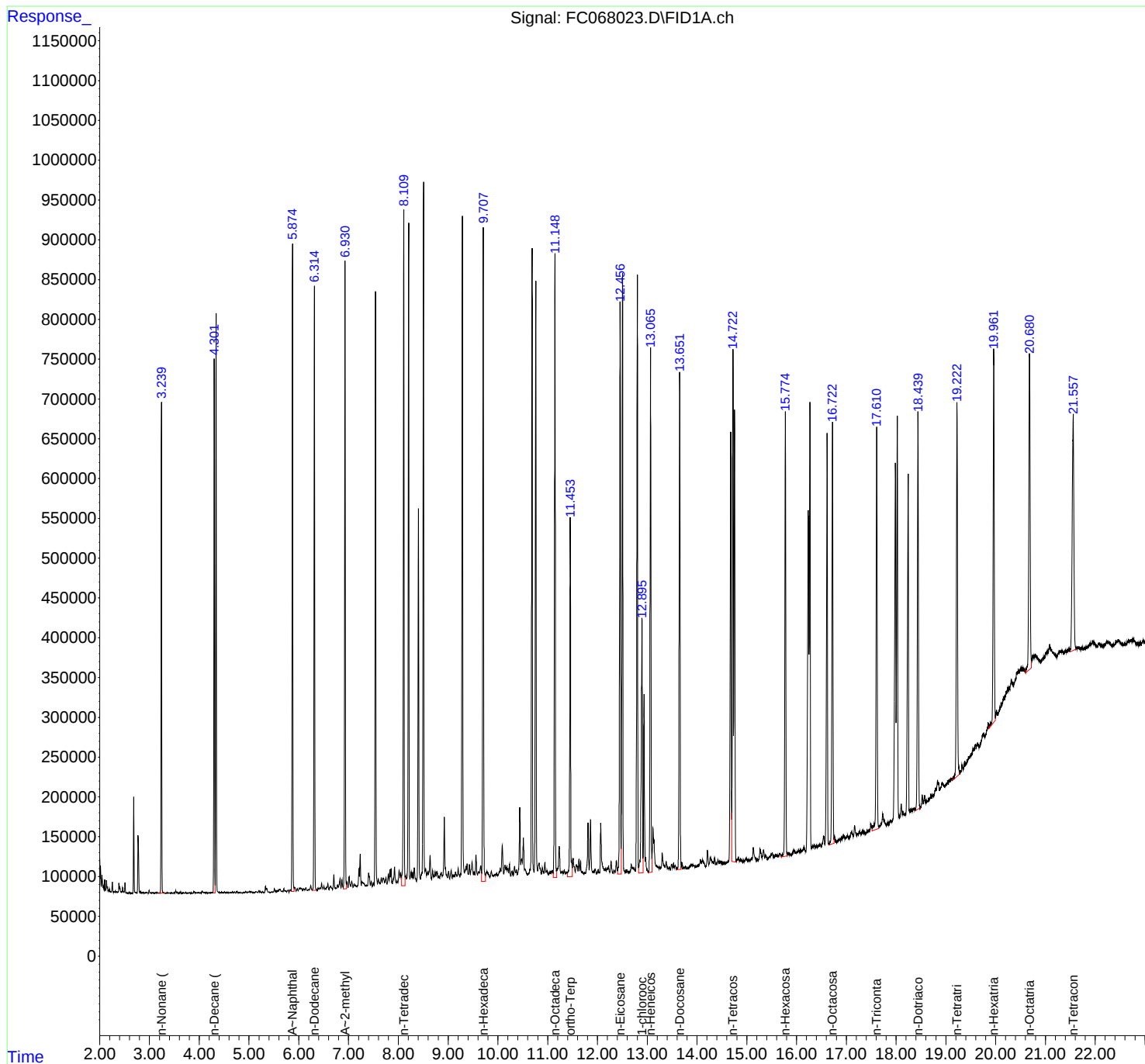
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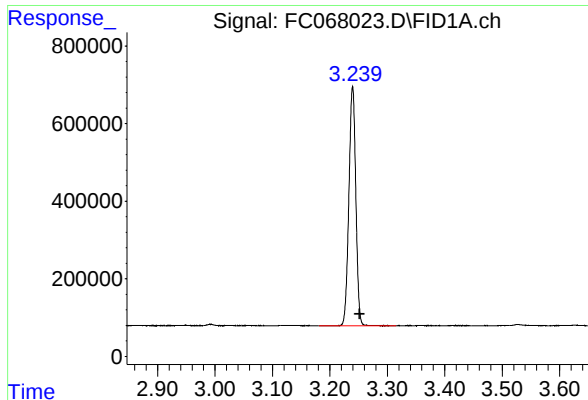
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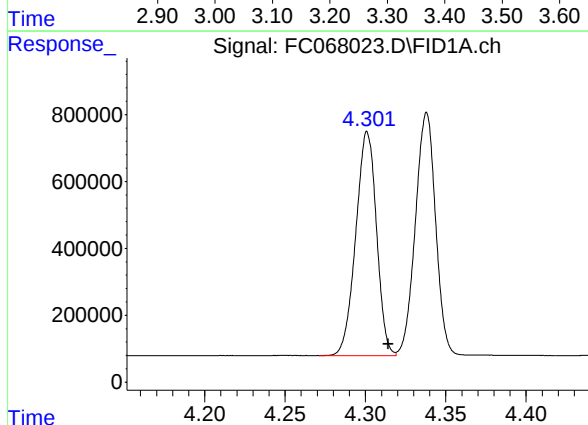
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: -0.012 min
Response: 5173426
Conc: 33.30 ug/ml

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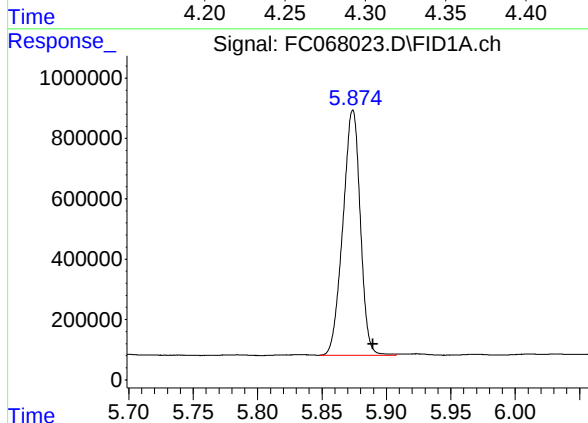
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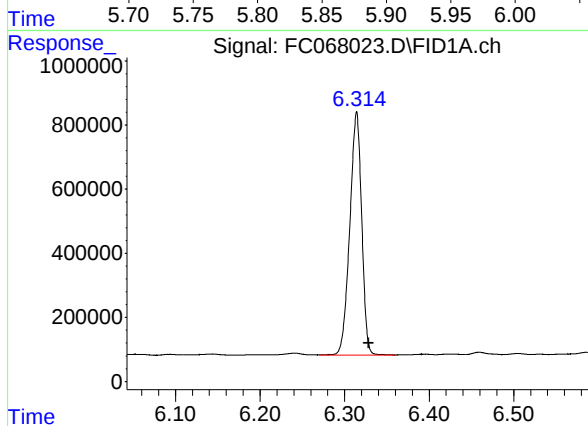
#2 n-Decane (C10)

R.T.: 4.301 min
Delta R.T.: -0.013 min
Response: 6010824
Conc: 37.92 ug/ml



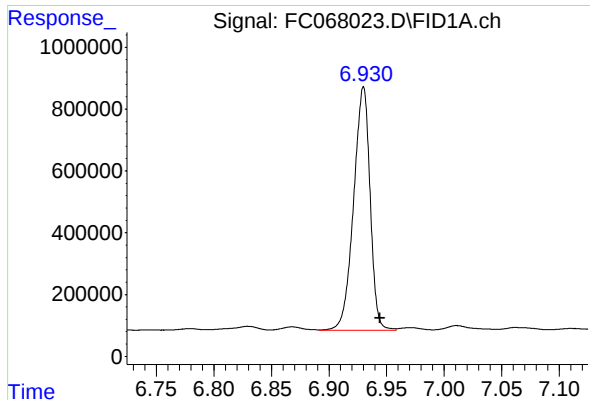
#3 A~Naphthalene (C11.7)

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 7663892
Conc: 43.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.314 min
Delta R.T.: -0.015 min
Response: 7423748
Conc: 46.11 ug/ml



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

R.T.: 6.930 min
Delta R.T.: -0.015 min
Response: 7860187
Conc: 46.91 ug/ml

Instrument :

FID_C

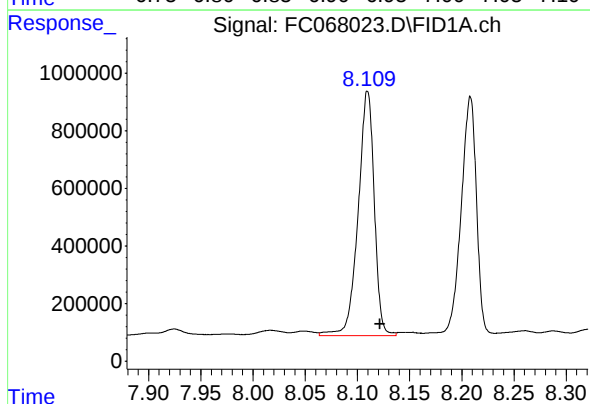
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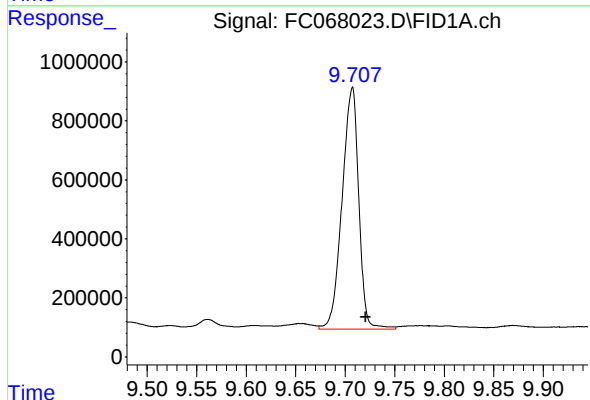
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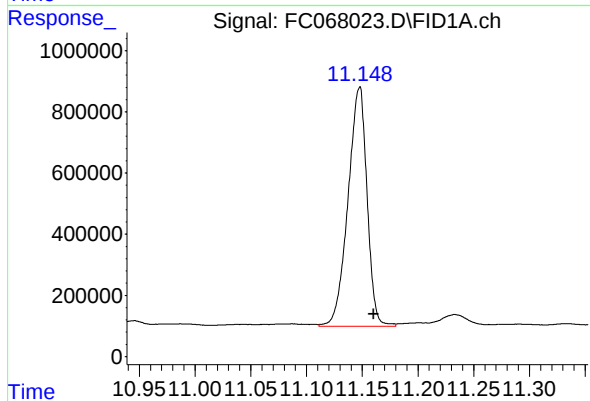
#6 n-Tetradecane (C14)

R.T.: 8.110 min
Delta R.T.: -0.012 min
Response: 9171909
Conc: 57.69 ug/ml



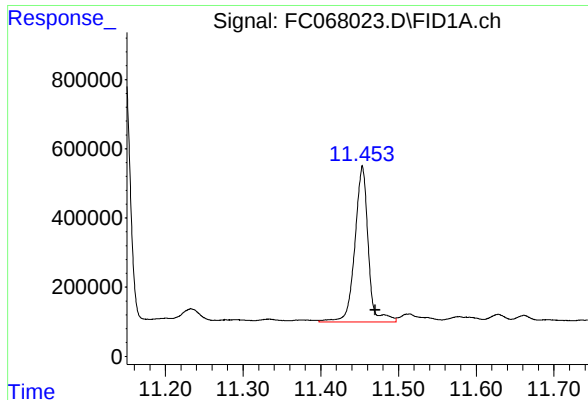
#7 n-Hexadecane (C16)

R.T.: 9.707 min
Delta R.T.: -0.014 min
Response: 9621132
Conc: 59.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.147 min
Delta R.T.: -0.013 min
Response: 9317186
Conc: 58.04 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.017 min
Response: 5391457
Conc: 31.18 ug/ml

Instrument :

FID_C

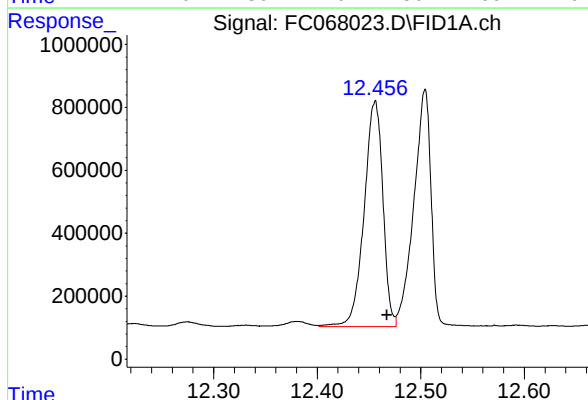
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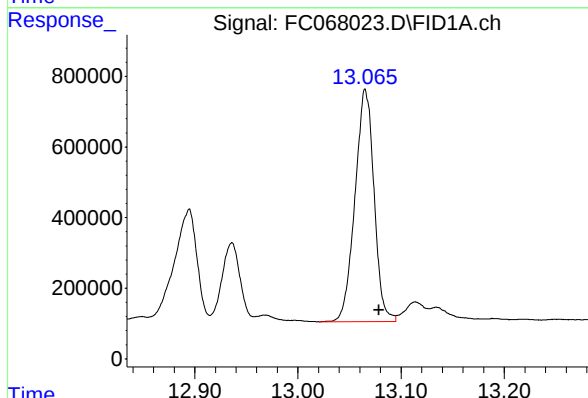
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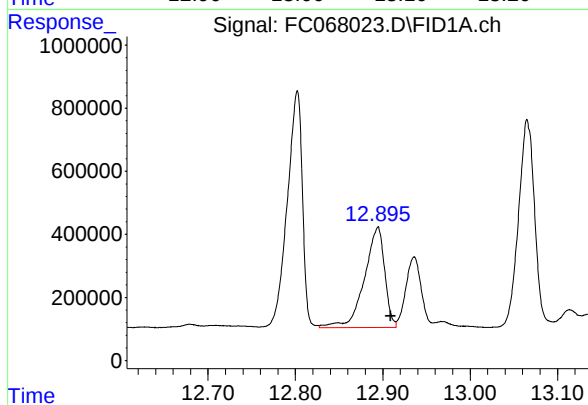
#10 n-Eicosane (C20)

R.T.: 12.456 min
Delta R.T.: -0.012 min
Response: 9033670
Conc: 60.05 ug/ml



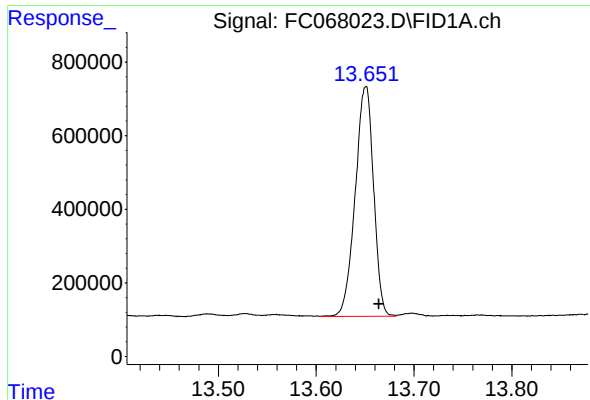
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: -0.013 min
Response: 8467298
Conc: 57.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.894 min
Delta R.T.: -0.015 min
Response: 5142505
Conc: 40.30 ug/ml



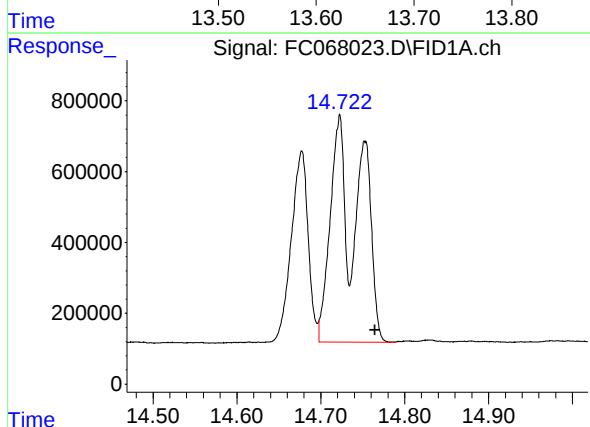
#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: -0.014 min
Response: 8157354
Conc: 56.99 ug/ml

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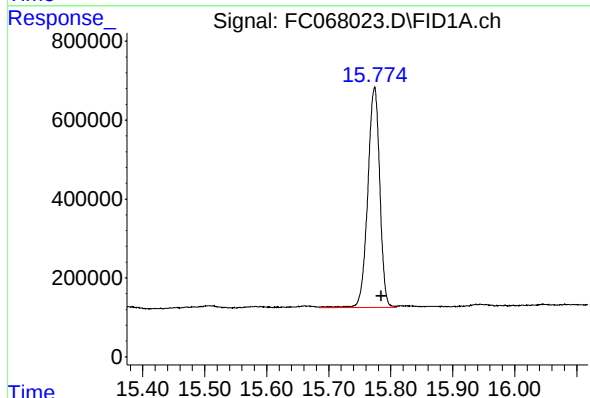
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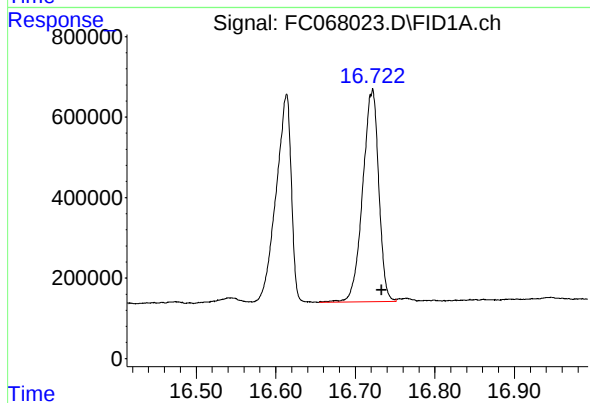
#14 n-Tetracosane (C24)

R.T.: 14.722 min
Delta R.T.: -0.042 min
Response: 15080271
Conc: 108.53 ug/ml m



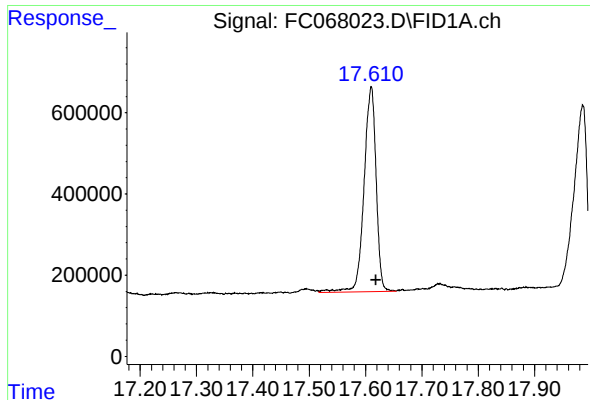
#15 n-Hexacosane (C26)

R.T.: 15.774 min
Delta R.T.: -0.011 min
Response: 7518801
Conc: 56.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.721 min
Delta R.T.: -0.012 min
Response: 7392158
Conc: 56.99 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.610 min
Delta R.T.: -0.009 min
Response: 7557082
Conc: 58.34 ug/ml

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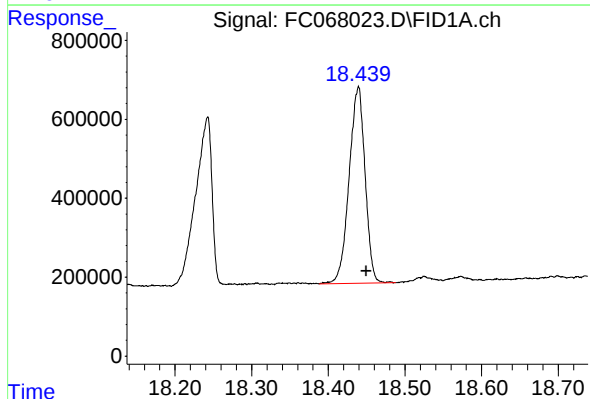
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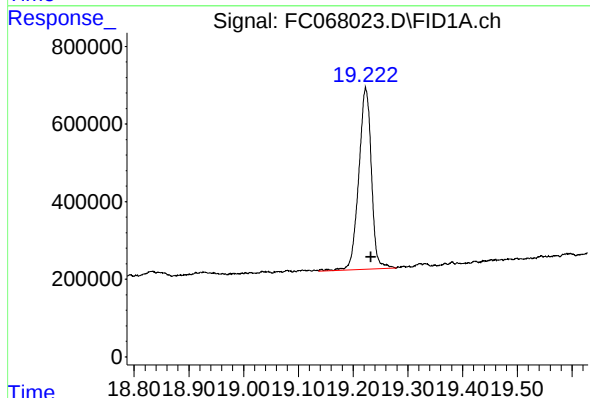
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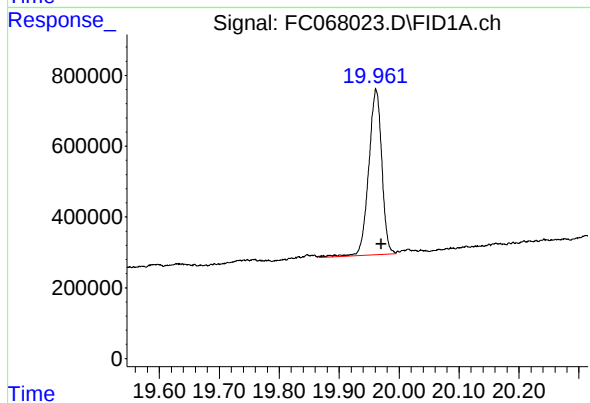
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: -0.011 min
Response: 7207476
Conc: 58.18 ug/ml



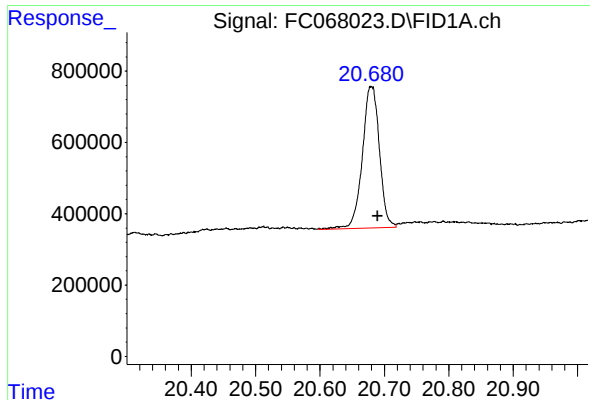
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: -0.009 min
Response: 7487414
Conc: 68.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: -0.009 min
Response: 7092858
Conc: 74.97 ug/ml m



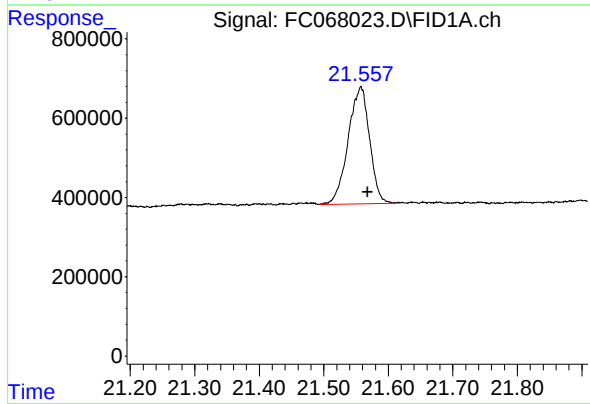
#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: -0.010 min
Response: 7316790
Conc: 80.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: -0.010 min
Response: 6817612
Conc: 77.35 ug/ml m