

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068061.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:10
 Operator : YP/AJ
 Sample : PB165775BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165775BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 01:50:32 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			
12) S 1-chlorooctadecane (S...	12.870	6377412	49.982 ug/ml
Spiked Amount 50.000		Recovery =	99.96%
Target Compounds			
1) T n-Nonane (C9)	3.217	3263109	21.003 ug/ml
2) T n-Decane (C10)	4.276	4320689	27.255 ug/ml
4) T n-Dodecane (C12)	6.290	5476287	34.011 ug/ml
6) T n-Tetradecane (C14)	8.083	6225826	39.157 ug/ml
7) T n-Hexadecane (C16)	9.680	6591328	40.800 ug/ml
8) T n-Octadecane (C18)	11.120	6815635	42.454 ug/ml
10) T n-Eicosane (C20)	12.428	7020867	46.672 ug/ml
11) T n-Heneicosane (C21)	13.039	6723348	46.014 ug/ml
13) T n-Docosane (C22)	13.624	6644880	46.420 ug/ml
14) T n-Tetracosane (C24)	14.726	6433915	46.304 ug/ml
15) T n-Hexacosane (C26)	15.745	6244097	46.691 ug/ml
16) T n-Octacosane (C28)	16.693	6091916	46.965 ug/ml
17) T n-Tricontane (C30)	17.581	6090176	47.013 ug/ml
18) T n-Dotriacontane (C32)	18.411	5983539	48.299 ug/ml
19) T n-Tetratriacontane (C34)	19.194	5964683	54.648 ug/ml
20) T n-Hexatriacontane (C36)	19.932	5799620	61.301 ug/ml
21) T n-Octatriacontane (C38)	20.649	5884573	65.050 ug/ml
22) T n-Tetracontane (C40)	21.513	5922402	67.194 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB165775BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

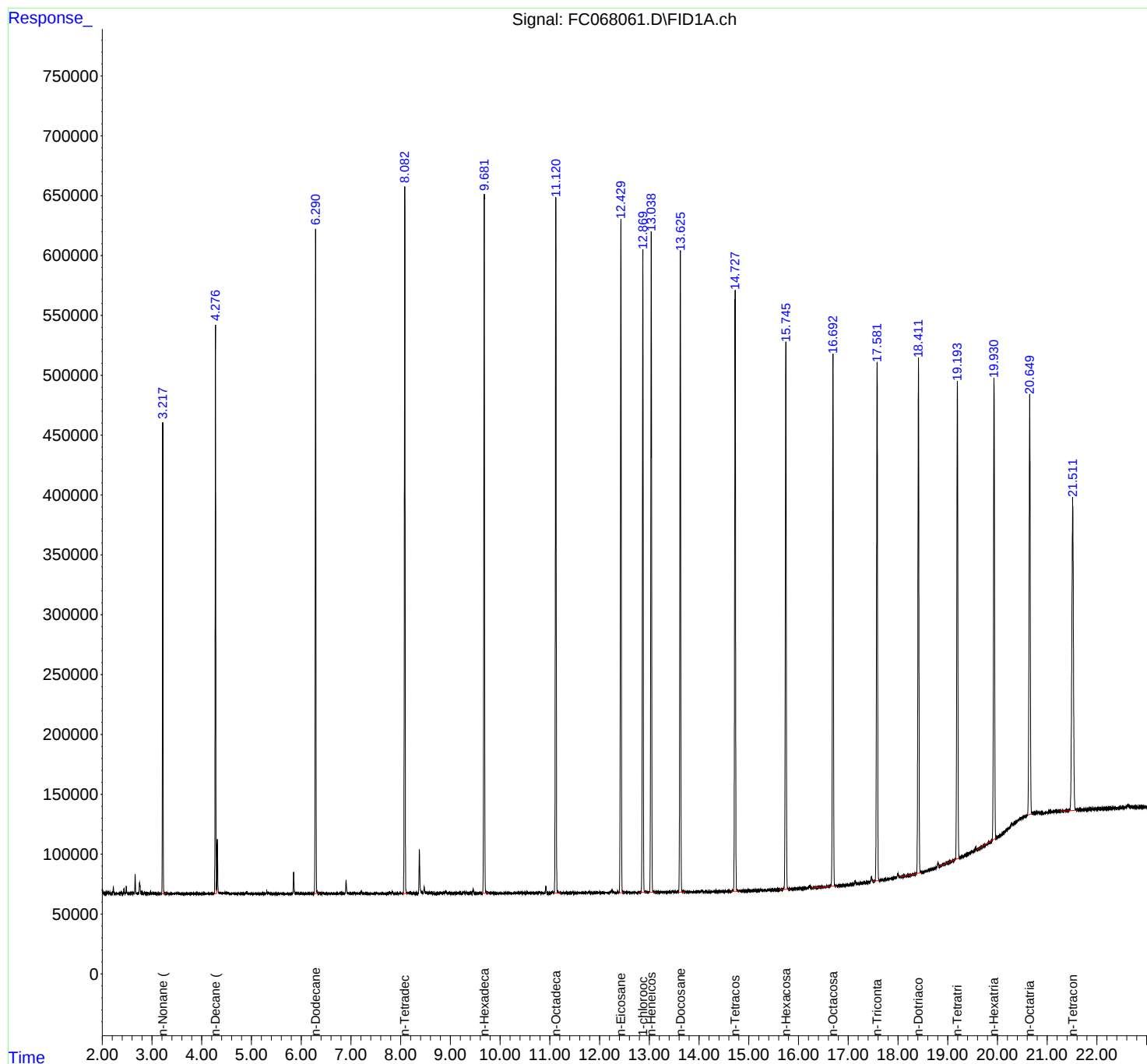
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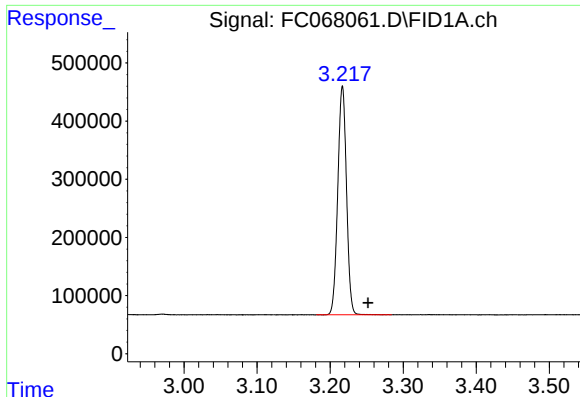
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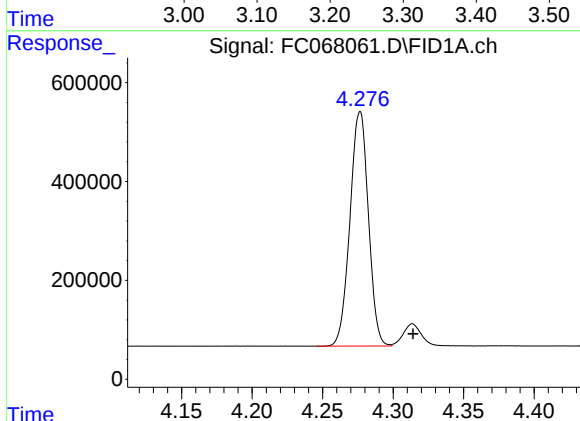
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.035 min
Response: 3263109
Conc: 21.00 ug/ml

Instrument :
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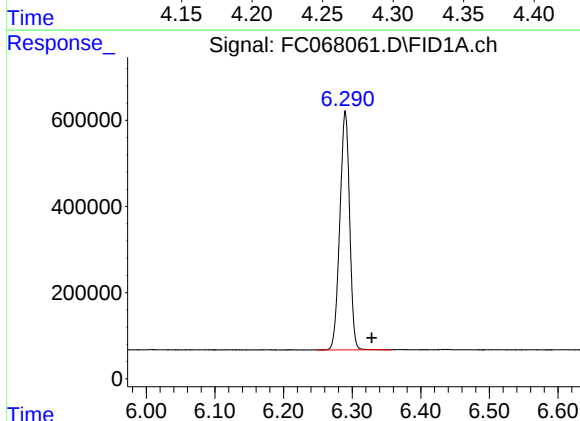
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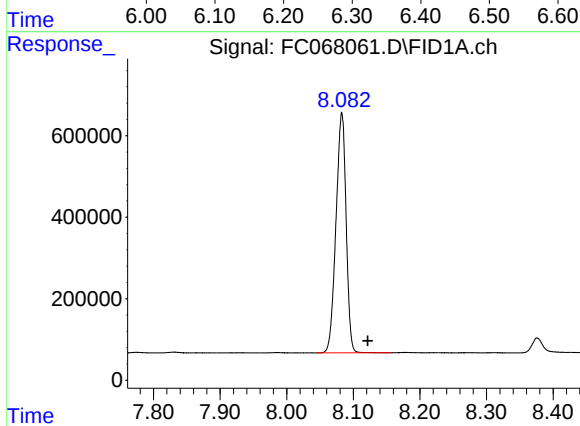
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.038 min
Response: 4320689
Conc: 27.26 ug/ml m



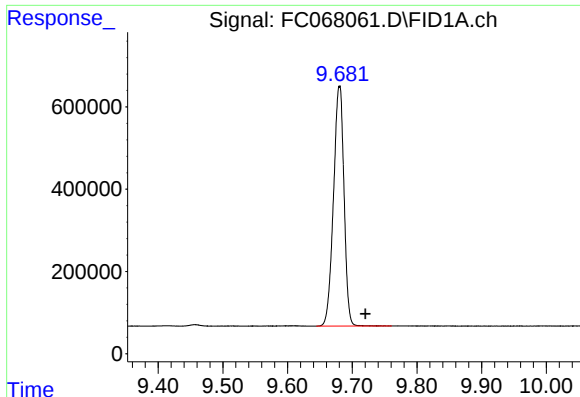
#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: -0.039 min
Response: 5476287
Conc: 34.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.083 min
Delta R.T.: -0.039 min
Response: 6225826
Conc: 39.16 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.680 min
Delta R.T.: -0.040 min
Response: 6591328
Conc: 40.80 ug/ml

Instrument :

FID_C

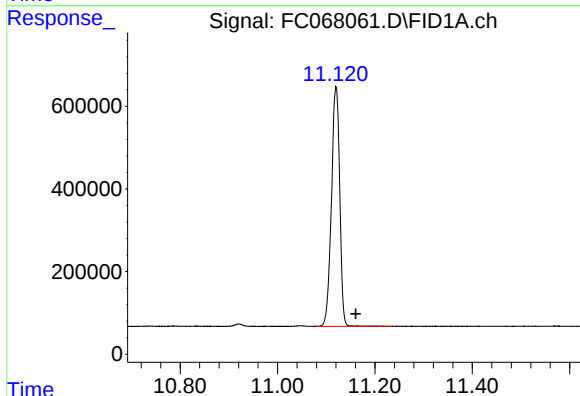
ClientSampleId :

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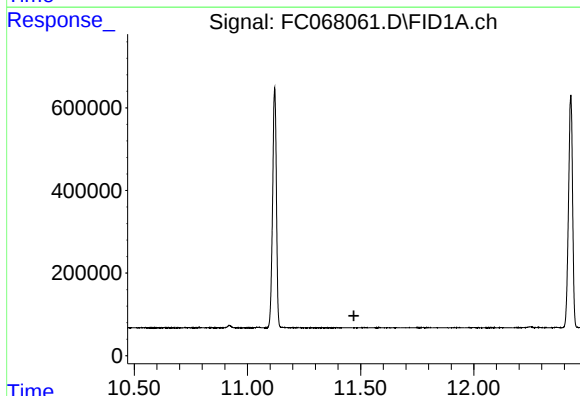
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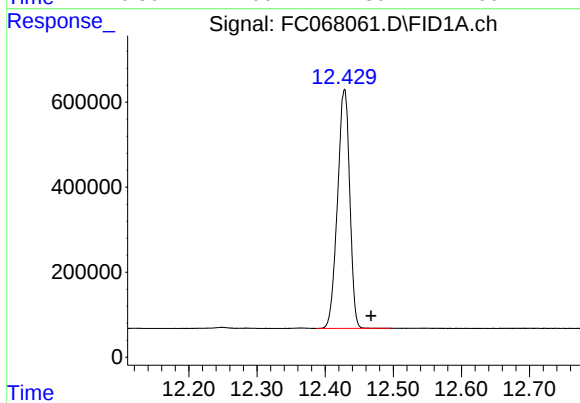
#8 n-Octadecane (C18)

R.T.: 11.120 min
Delta R.T.: -0.040 min
Response: 6815635
Conc: 42.45 ug/ml



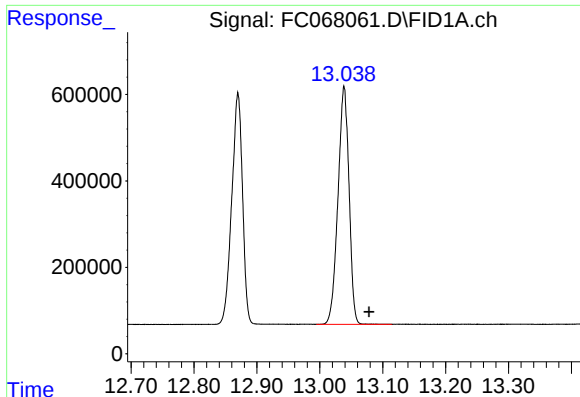
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: -0.039 min
Response: 7020867
Conc: 46.67 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.040 min
Response: 6723348
Conc: 46.01 ug/ml

Instrument :

FID_C

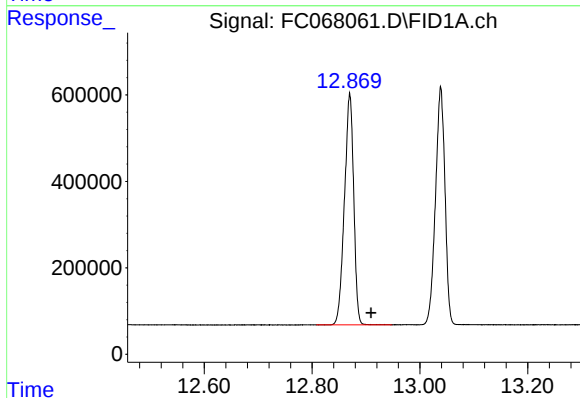
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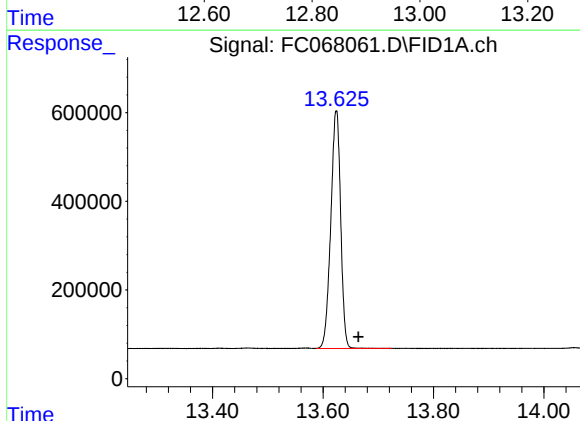
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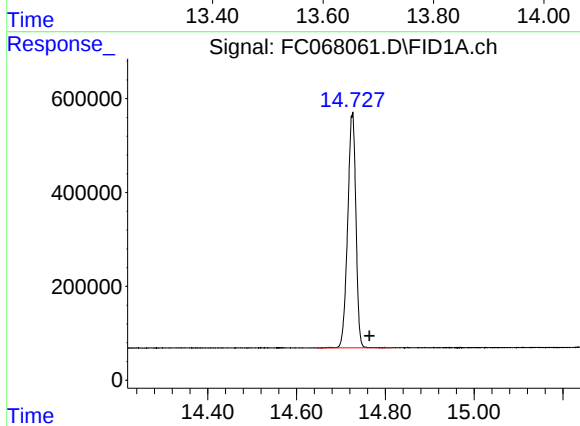
#12 1-chlorooctadecane (SURR)

R.T.: 12.870 min
Delta R.T.: -0.039 min
Response: 6377412
Conc: 49.98 ug/ml



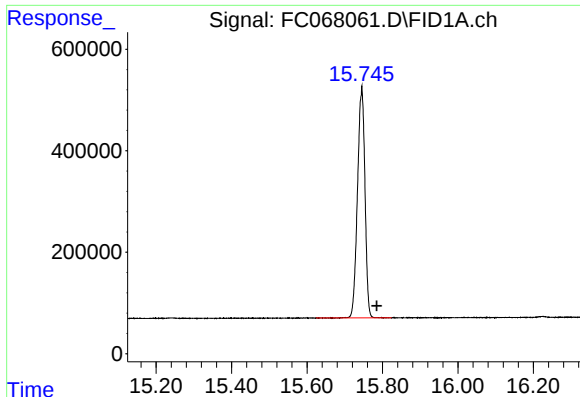
#13 n-Docosane (C22)

R.T.: 13.624 min
Delta R.T.: -0.040 min
Response: 6644880
Conc: 46.42 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: -0.039 min
Response: 6433915
Conc: 46.30 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.745 min
Delta R.T.: -0.040 min
Response: 6244097
Conc: 46.69 ug/ml

Instrument :

FID_C

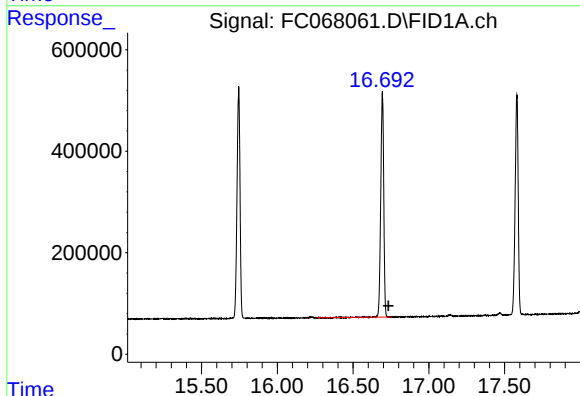
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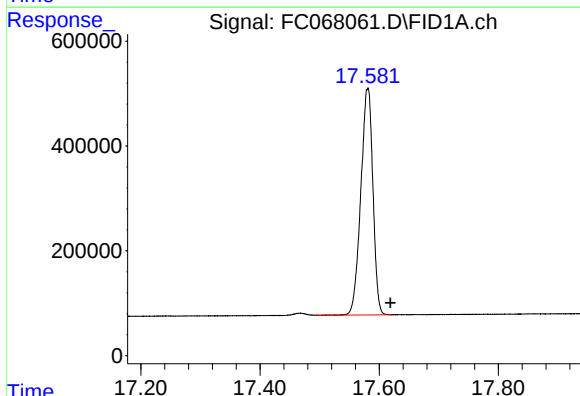
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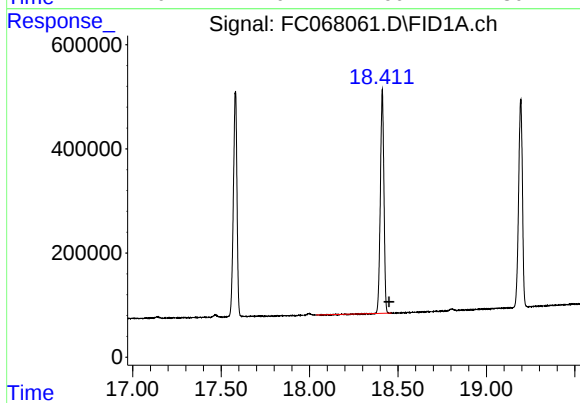
#16 n-Octacosane (C28)

R.T.: 16.693 min
Delta R.T.: -0.040 min
Response: 6091916
Conc: 46.97 ug/ml



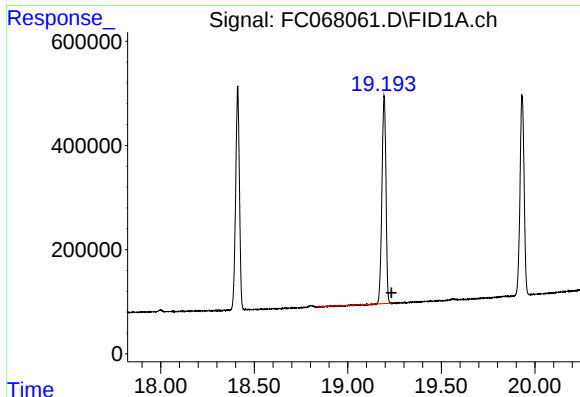
#17 n-Tricontane (C30)

R.T.: 17.581 min
Delta R.T.: -0.038 min
Response: 6090176
Conc: 47.01 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: -0.039 min
Response: 5983539
Conc: 48.30 ug/ml



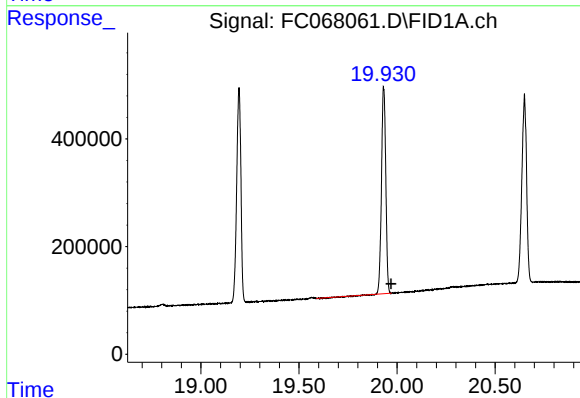
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min
Delta R.T.: -0.038 min
Response: 5964683
Conc: 54.65 ug/ml

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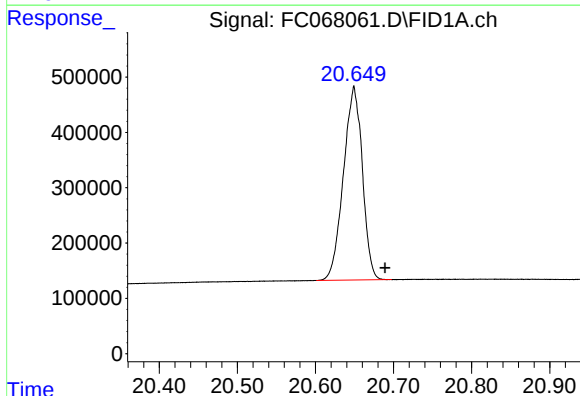
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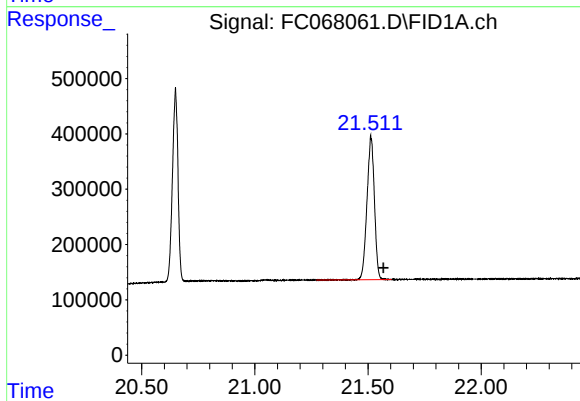
#20 n-Hexatriacontane (C36)

R.T.: 19.932 min
Delta R.T.: -0.039 min
Response: 5799620
Conc: 61.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: -0.040 min
Response: 5884573
Conc: 65.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.513 min
Delta R.T.: -0.055 min
Response: 5922402
Conc: 67.19 ug/ml