

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120924AL\
 Data File : FC067954.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 18:44
 Operator : YP/AJ
 Sample : PB165500BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165500BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e

Quant Time: Dec 10 04:41:46 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:13:15 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...	12.914	5628639	38.775 ug/ml
Spiked Amount 50.000		Recovery =	77.55%
Target Compounds			
1) T n-Nonane (C9)	3.253	3192113	19.570 ug/ml
2) T n-Decane (C10)	4.315	4170947	25.152 ug/ml
4) T n-Dodecane (C12)	6.330	5403469	32.082 ug/ml
6) T n-Tetradecane (C14)	8.124	6106707	36.464 ug/ml
7) T n-Hexadecane (C16)	9.723	6341078	36.591 ug/ml
8) T n-Octadecane (C18)	11.164	6462009	36.729 ug/ml
10) T n-Eicosane (C20)	12.472	6381342	37.897 ug/ml
11) T n-Heneicosane (C21)	13.083	6078779	36.944 ug/ml
13) T n-Docosane (C22)	13.668	5968788	36.651 ug/ml
14) T n-Tetracosane (C24)	14.770	5740909	35.795 ug/ml
15) T n-Hexacosane (C26)	15.789	5533801	35.734 ug/ml
16) T n-Octacosane (C28)	16.737	5366990	35.537 ug/ml
17) T n-Tricontane (C30)	17.624	5307532	34.665 ug/ml
18) T n-Dotriacontane (C32)	18.455	5196213	35.183 ug/ml
19) T n-Tetratriacontane (C34)	19.238	5126302	40.643 ug/ml
20) T n-Hexatriacontane (C36)	19.976	5000686	47.814 ug/ml
21) T n-Octatriacontane (C38)	20.697	4994311	51.127 ug/ml
22) T n-Tetracontane (C40)	21.577	4931630	50.598 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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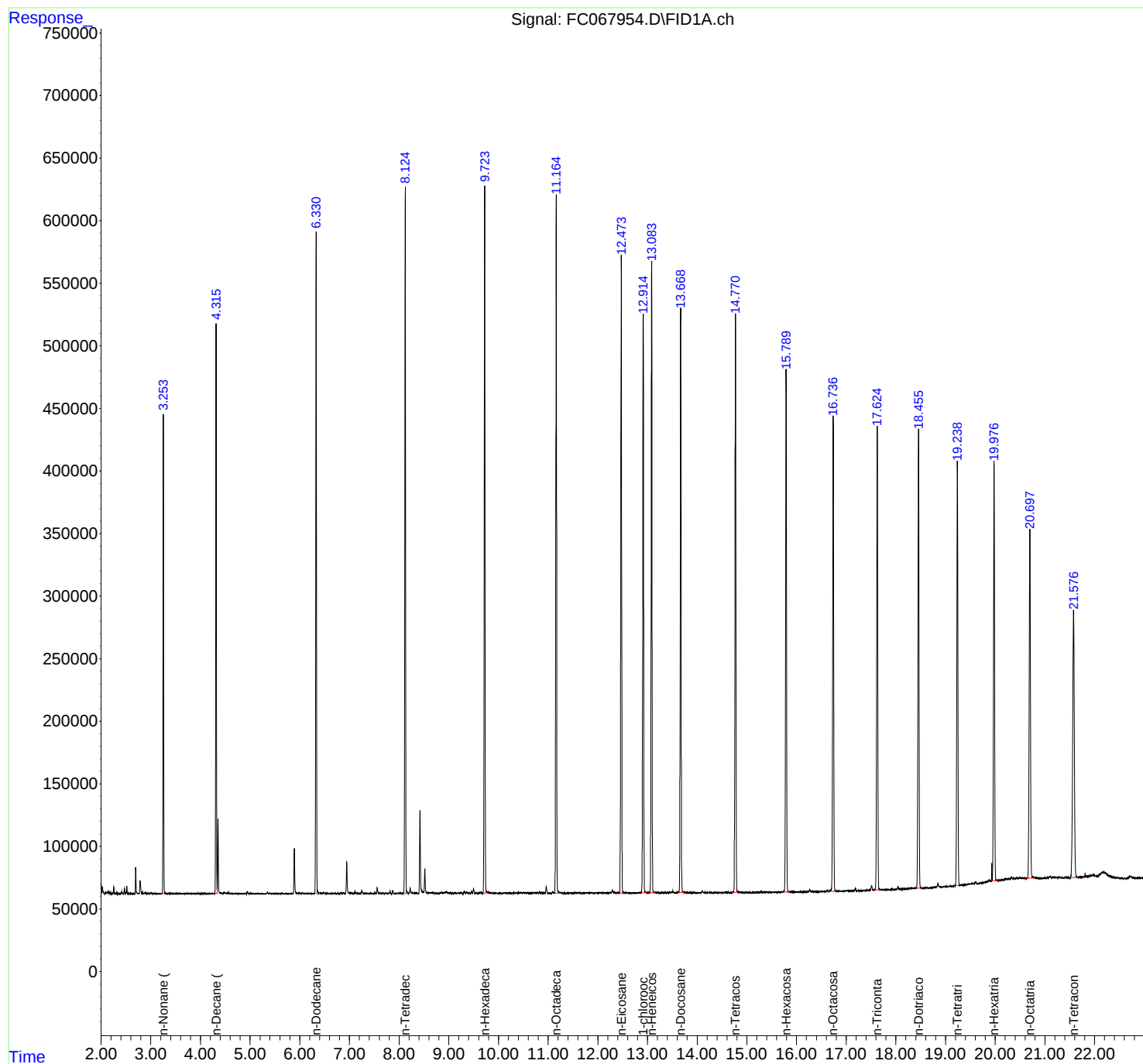
Instrument :
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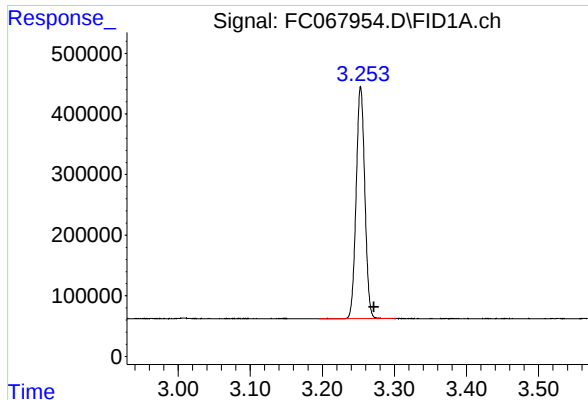
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Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:13:15 2024
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: -0.019 min
Response: 3192113
Conc: 19.57 ug/ml

Instrument :

FID_C

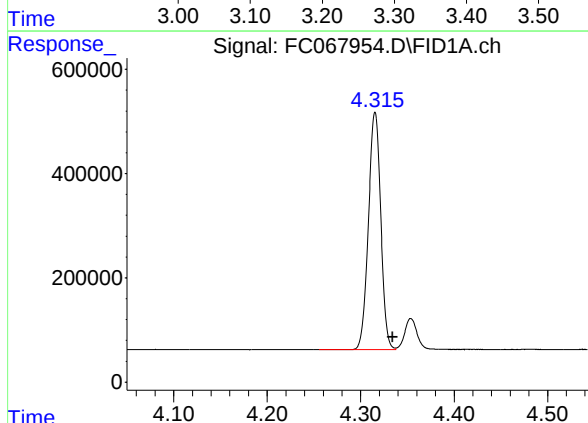
ClientSampleId :

PB165500BS

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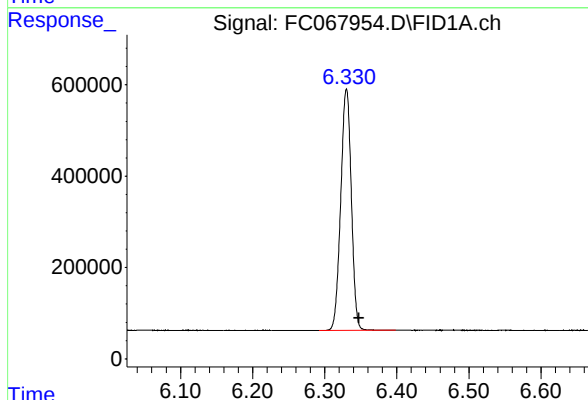
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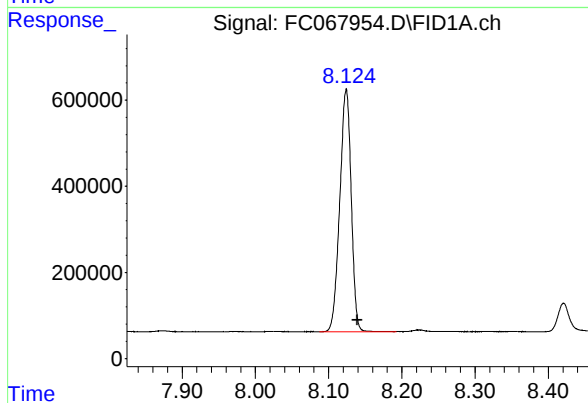
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.019 min
Response: 4170947
Conc: 25.15 ug/ml



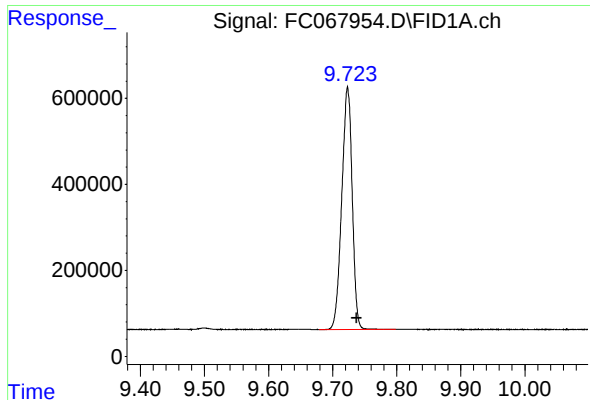
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.017 min
Response: 5403469
Conc: 32.08 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: -0.015 min
Response: 6106707
Conc: 36.46 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.014 min
Response: 6341078
Conc: 36.59 ug/ml

Instrument :

FID_C

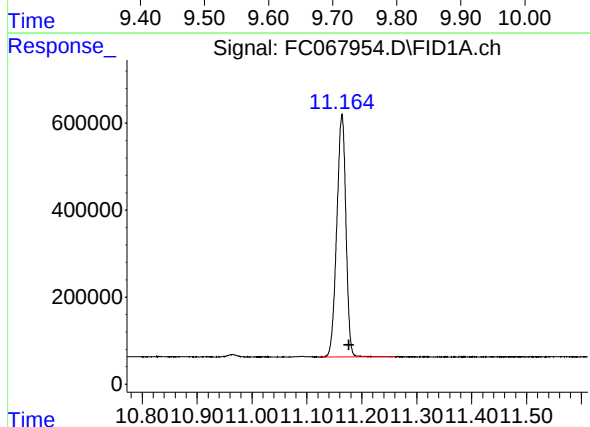
ClientSampleId :

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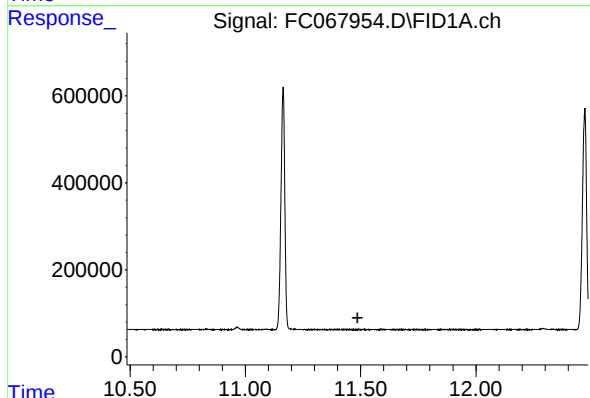
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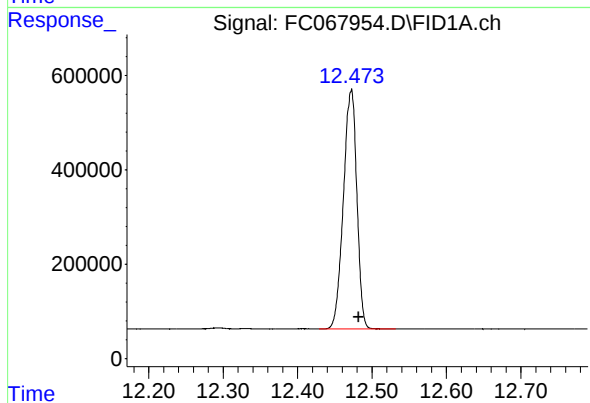
#8 n-Octadecane (C18)

R.T.: 11.164 min
Delta R.T.: -0.013 min
Response: 6462009
Conc: 36.73 ug/ml



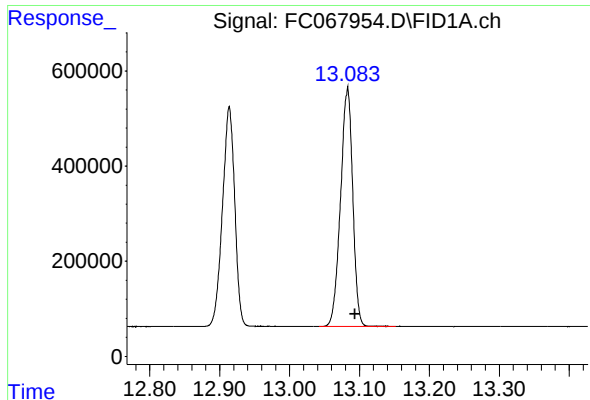
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.010 min
Response: 6381342
Conc: 37.90 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.083 min
Delta R.T.: -0.011 min
Response: 6078779
Conc: 36.94 ug/ml

Instrument :

FID_C

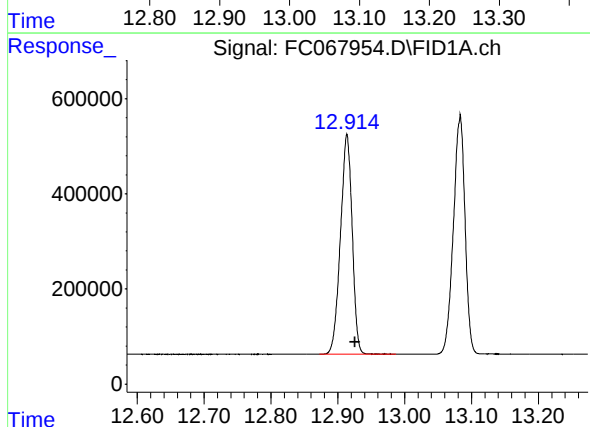
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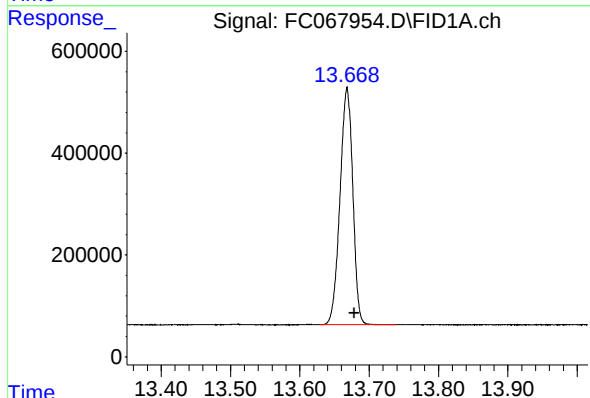
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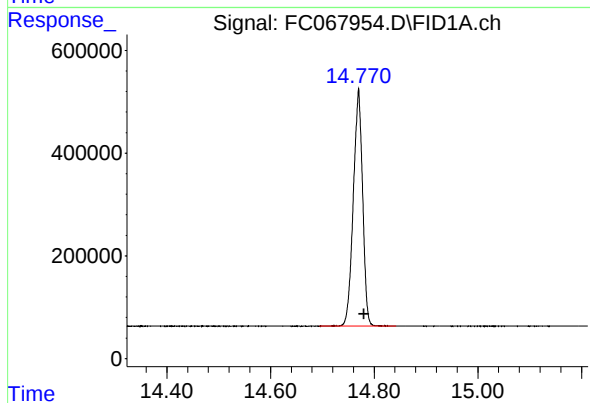
#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.012 min
Response: 5628639
Conc: 38.78 ug/ml



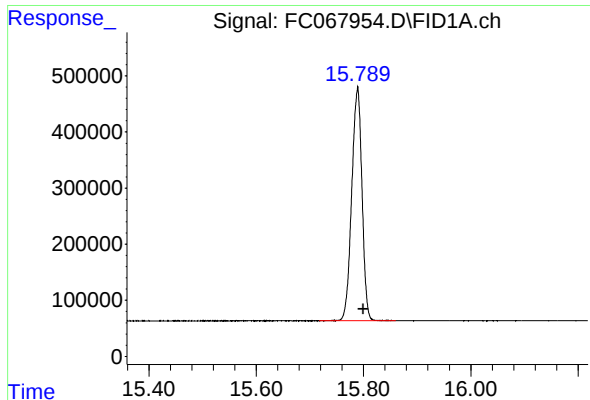
#13 n-Docosane (C22)

R.T.: 13.668 min
Delta R.T.: -0.011 min
Response: 5968788
Conc: 36.65 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: -0.010 min
Response: 5740909
Conc: 35.80 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: -0.011 min
Response: 5533801
Conc: 35.73 ug/ml

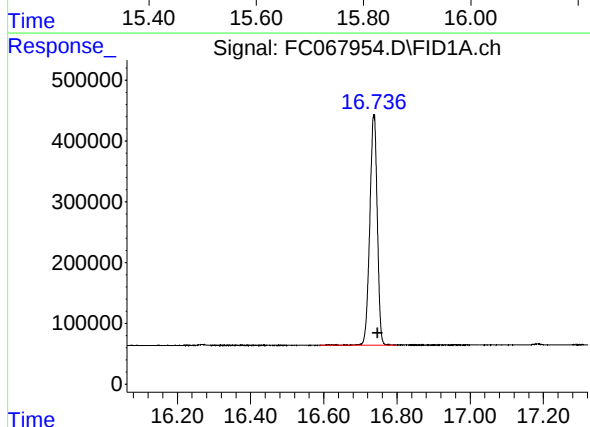
Instrument :

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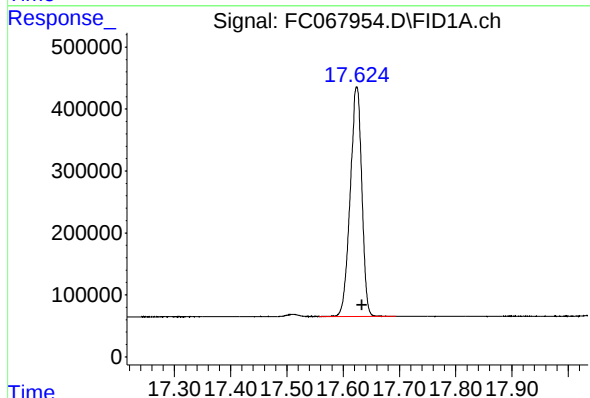
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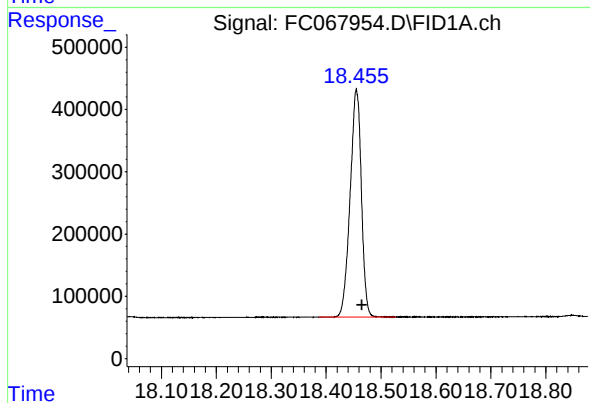
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: -0.010 min
Response: 5366990
Conc: 35.54 ug/ml



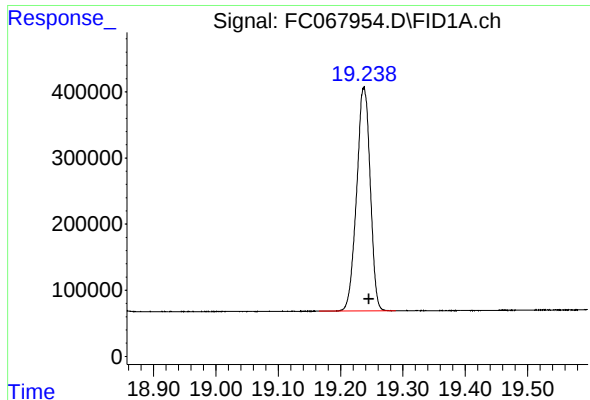
#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: -0.009 min
Response: 5307532
Conc: 34.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.010 min
Response: 5196213
Conc: 35.18 ug/ml



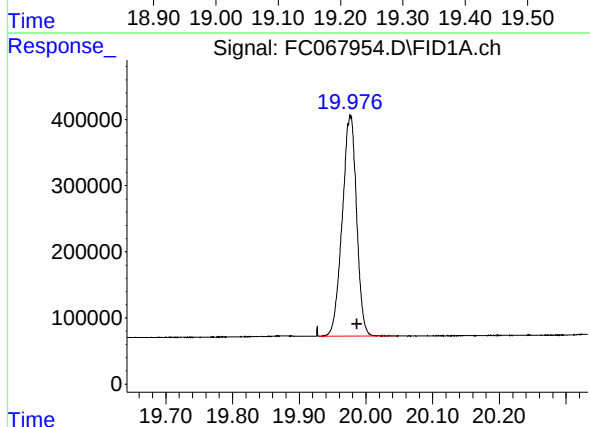
#19 n-Tetratriacontane (C34)

R.T.: 19.238 min
Delta R.T.: -0.008 min
Response: 5126302
Conc: 40.64 ug/ml

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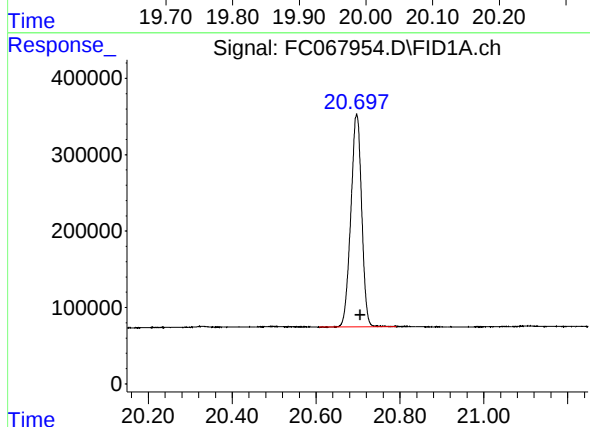
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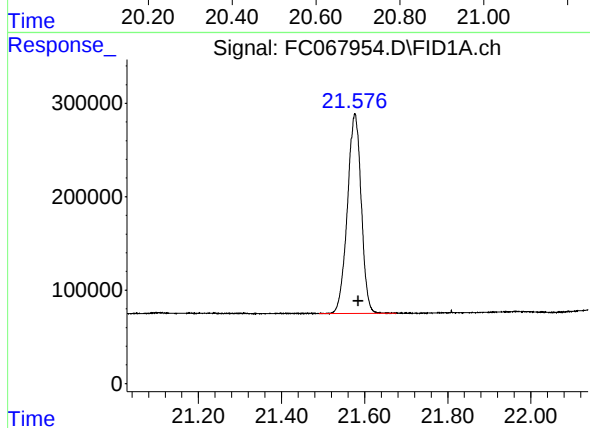
#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.011 min
Response: 5000686
Conc: 47.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.009 min
Response: 4994311
Conc: 51.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.009 min
Response: 4931630
Conc: 50.60 ug/ml