

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
 Data File : FF013217.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 19:24
 Operator : YP\AJ
 Sample : PB154910BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB154910BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e

Quant Time: Aug 18 23:56:10 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 10 16:05:52 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)	11.893	6622090	48.198 ug/ml
Spiked Amount 50.000		Recovery =	96.40%
12) S 1-chlorooctadecane (S...	13.330	5066880	48.351 ug/ml
Spiked Amount 50.000		Recovery =	96.70%
Target Compounds			
1) T n-Nonane (C9)	3.289	4688305	43.877 ug/ml
2) T n-Decane (C10)	4.541	5003966	46.694 ug/ml
3) T A~Naphthalene (C11.7)	6.235	5731983	48.417 ug/ml
4) T n-Dodecane (C12)	6.702	5297207	48.954 ug/ml
5) T A~2-methylnaphthalene...	7.330	5737661	48.406 ug/ml
6) T n-Tetradecane (C14)	8.528	5422072	50.230 ug/ml
7) T n-Hexadecane (C16)	10.134	5630310	51.940 ug/ml
8) T n-Octadecane (C18)	11.578	5786880	52.849 ug/ml
10) T n-Eicosane (C20)	12.887	5960673	54.320 ug/ml
11) T n-Heneicosane (C21)	13.498	5794518	52.742 ug/ml
13) T n-Docosane (C22)	14.084	5801362	52.841 ug/ml
14) T n-Tetracosane (C24)	15.186	5399861	49.149 ug/ml
15) T n-Hexacosane (C26)	16.207	5763725	52.737 ug/ml
16) T n-Octacosane (C28)	17.155	5811497	53.824 ug/ml
17) T n-Tricontane (C30)	18.042	5717323	52.280 ug/ml
18) T n-Dotriacontane (C32)	18.872	5491834	48.618 ug/ml
19) T n-Tetratriacontane (C34)	19.655	5103493	48.045 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	4636769	43.991 ug/ml
21) T n-Octatriacontane (C38)	21.123	4524115	44.793 ug/mlm
22) T n-Tetracontane (C40)	22.020	4560493	45.884 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Thu Aug 10 16:05:52 2023

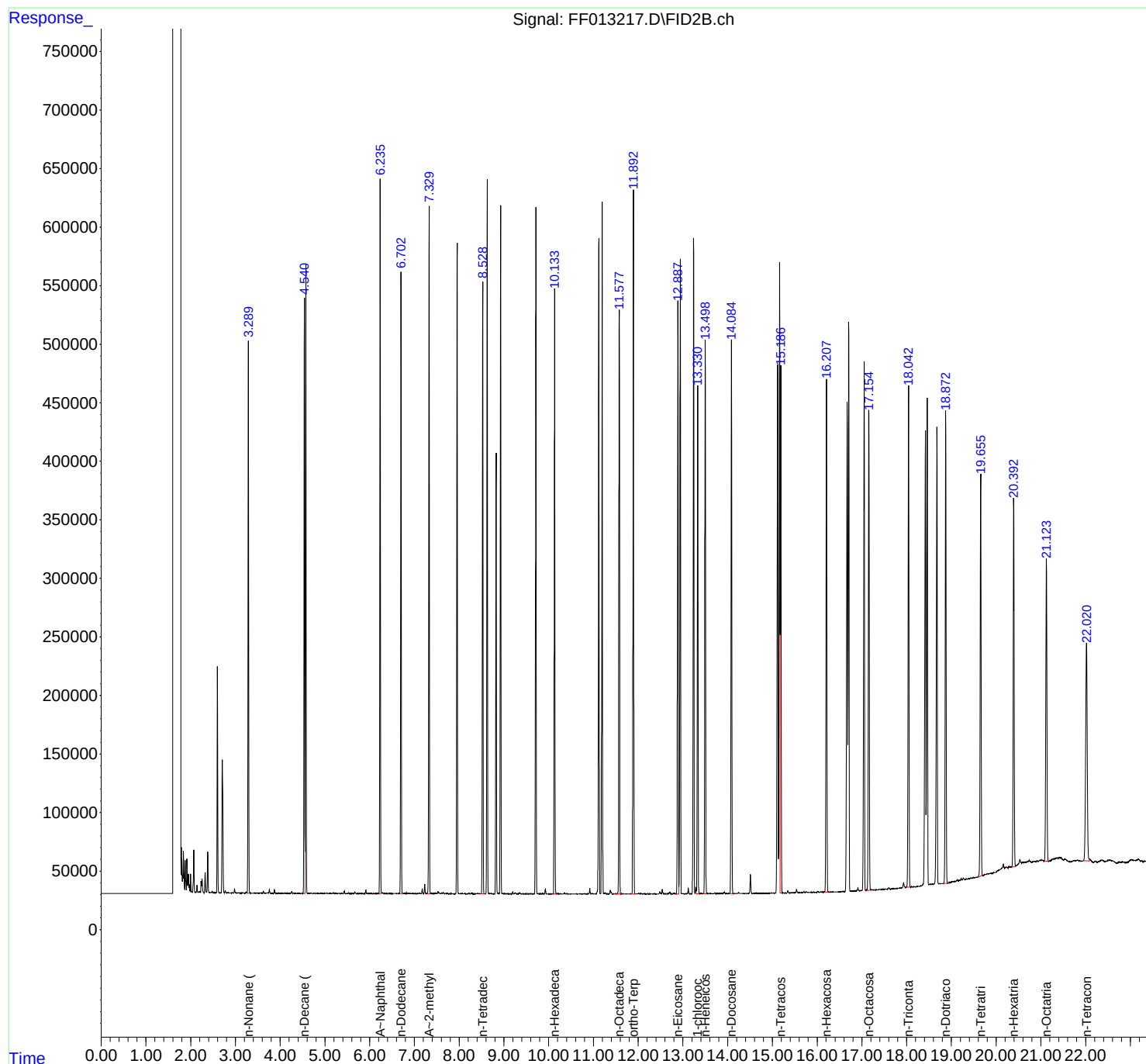
Response via : Initial Calibration

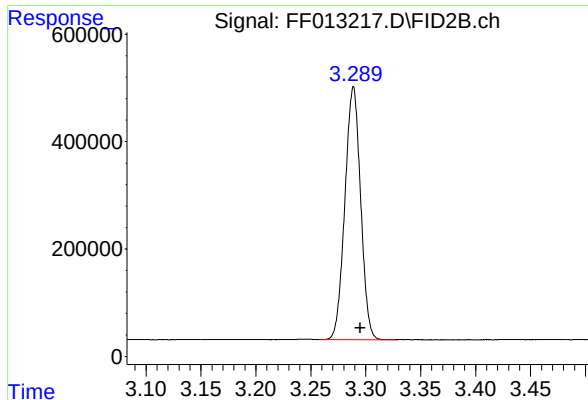
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





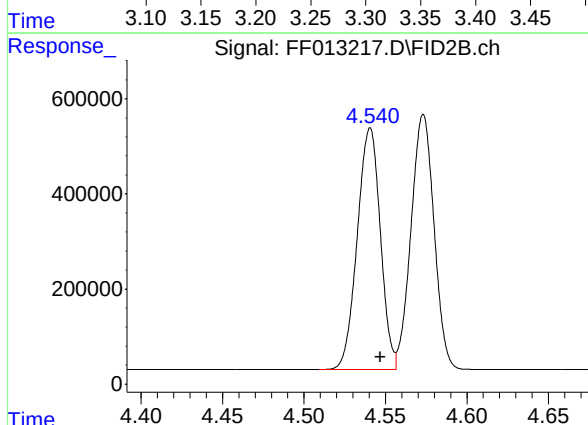
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 4688305
Conc: 43.88 ug/ml

Instrument :
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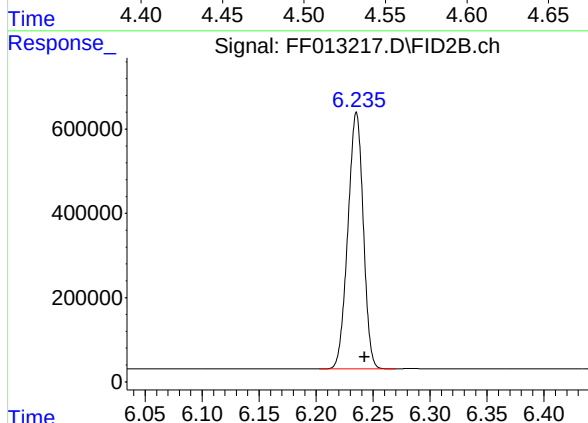
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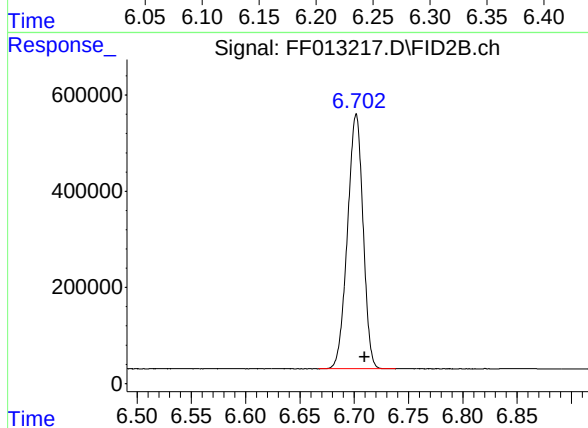
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.006 min
Response: 5003966
Conc: 46.69 ug/ml



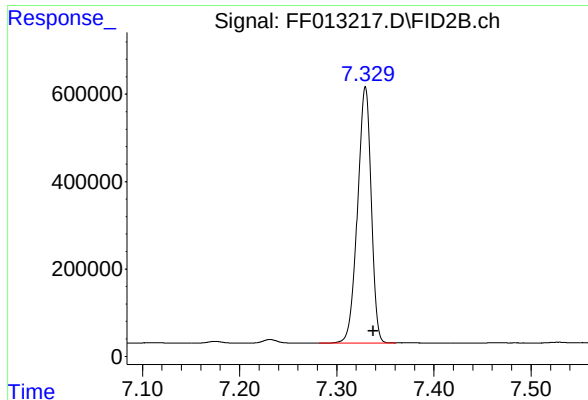
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.007 min
Response: 5731983
Conc: 48.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 5297207
Conc: 48.95 ug/ml



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

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 5737661
Conc: 48.41 ug/ml

Instrument :

FID_F

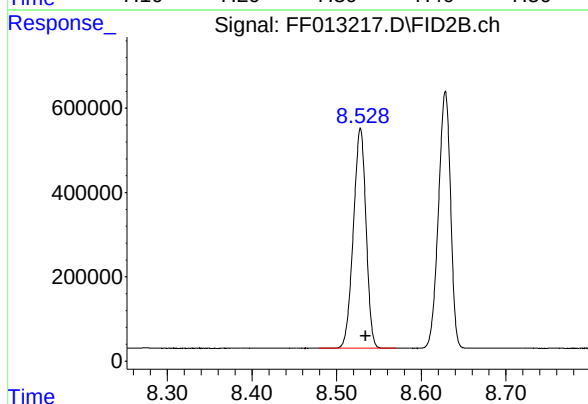
ClientSampleId :

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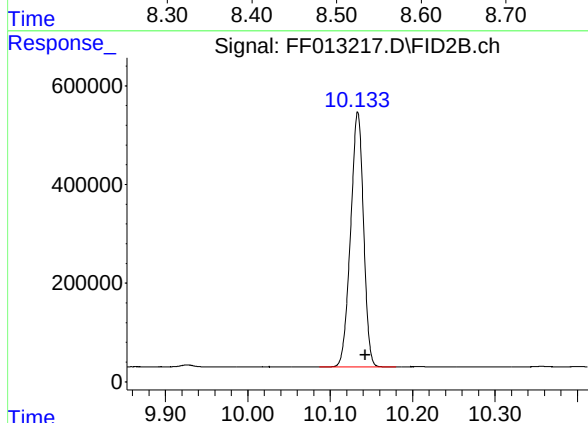
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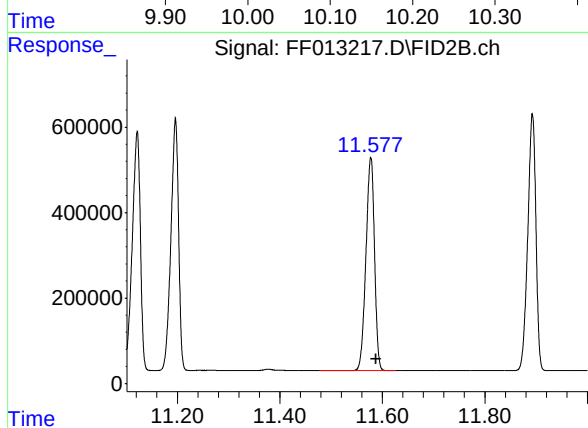
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 5422072
Conc: 50.23 ug/ml



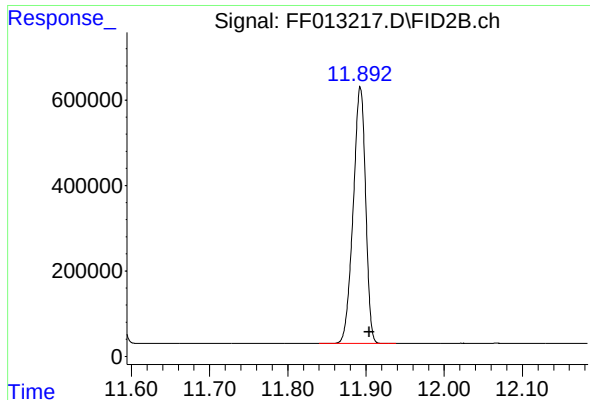
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.009 min
Response: 5630310
Conc: 51.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.010 min
Response: 5786880
Conc: 52.85 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.011 min
Response: 6622090
Conc: 48.20 ug/ml

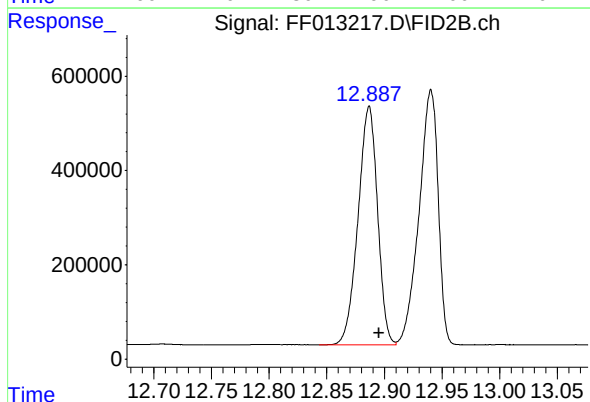
Instrument :

FID_F

ClientSampleId :
PB154910BS

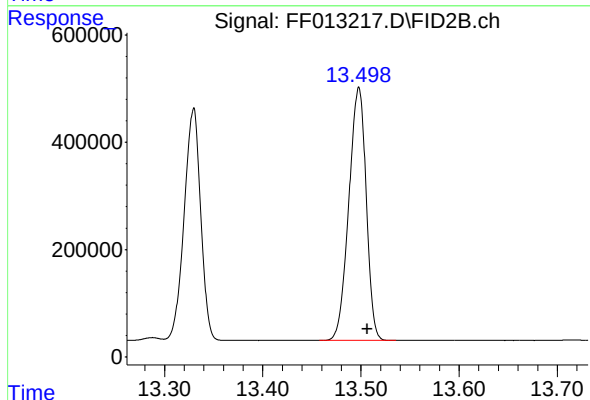
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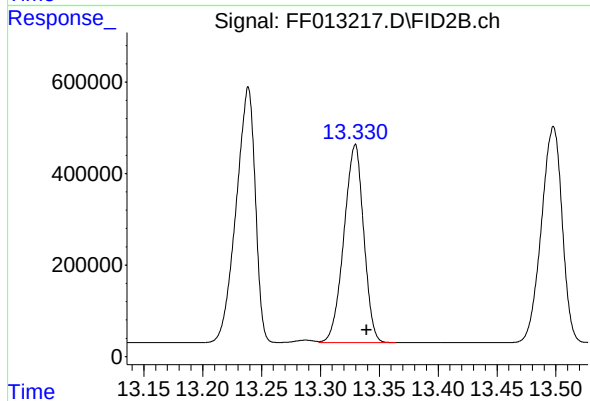
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.009 min
Response: 5960673
Conc: 54.32 ug/ml



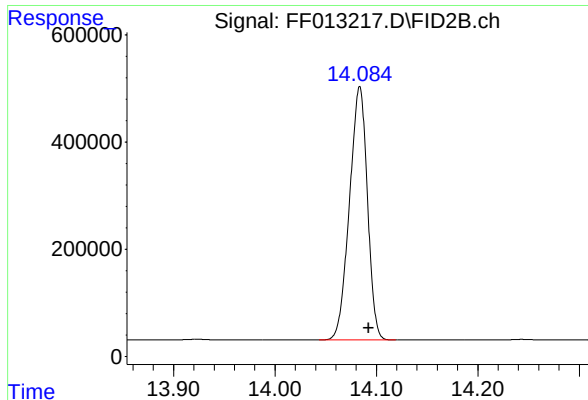
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 5794518
Conc: 52.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.330 min
Delta R.T.: -0.010 min
Response: 5066880
Conc: 48.35 ug/ml



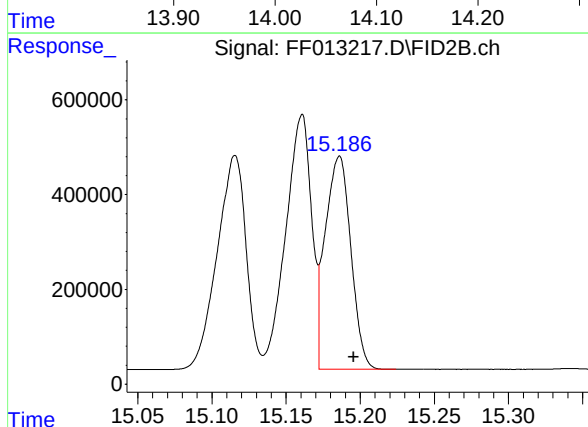
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 5801362
Conc: 52.84 ug/ml

Instrument :
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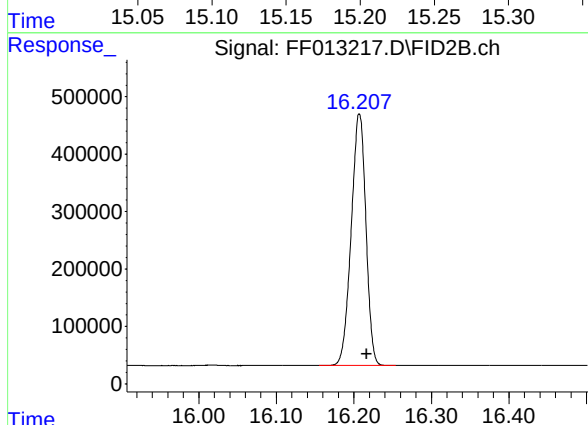
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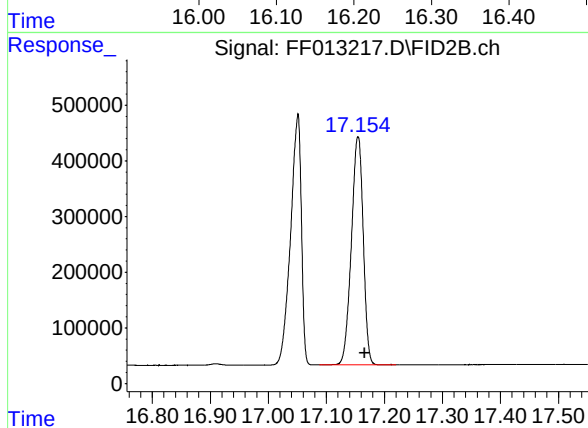
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 5399861
Conc: 49.15 ug/ml



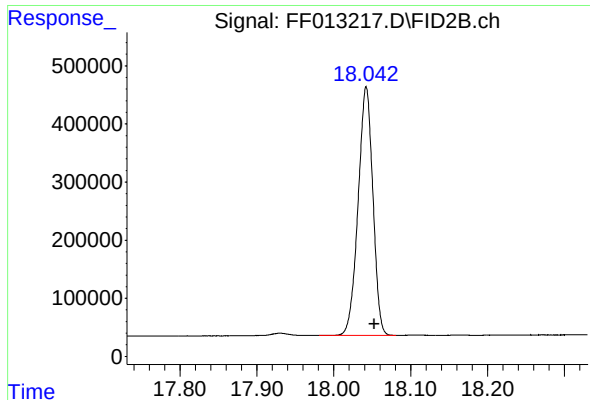
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 5763725
Conc: 52.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: -0.011 min
Response: 5811497
Conc: 53.82 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 5717323
Conc: 52.28 ug/ml

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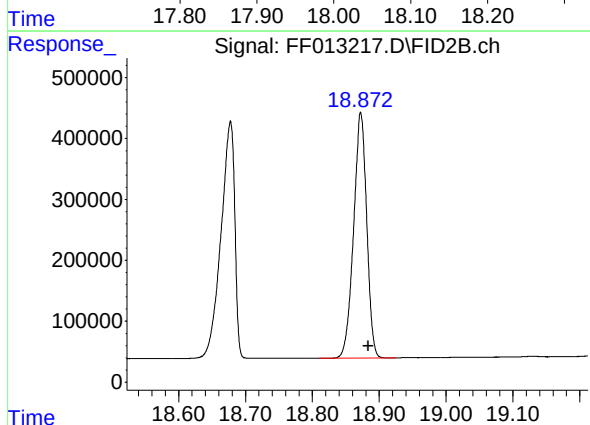
ClientSampleId :

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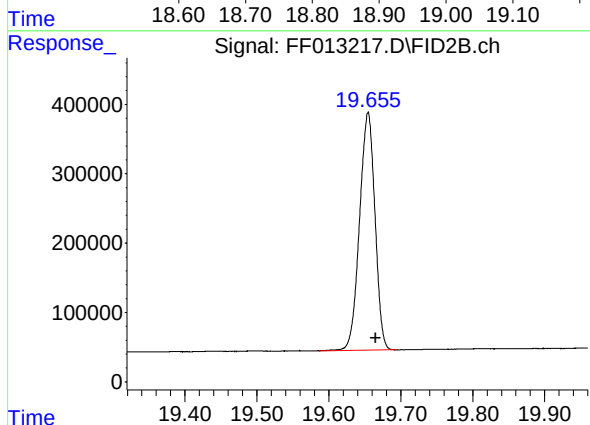
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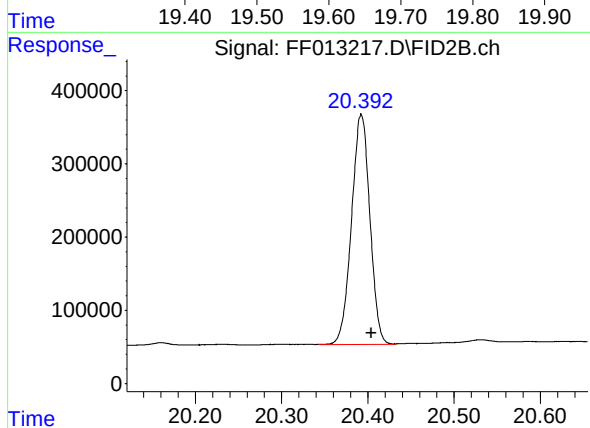
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.011 min
Response: 5491834
Conc: 48.62 ug/ml



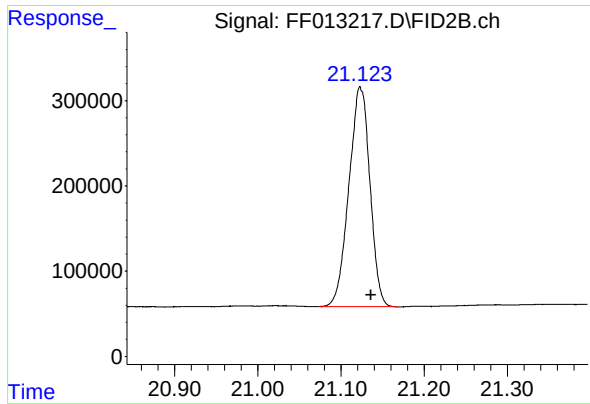
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.011 min
Response: 5103493
Conc: 48.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.011 min
Response: 4636769
Conc: 43.99 ug/ml



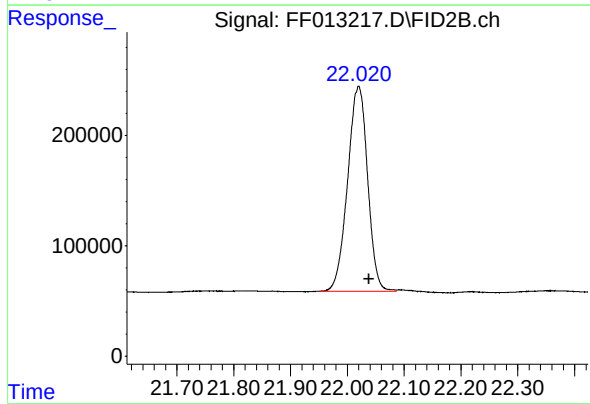
#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.013 min
Response: 4524115
Conc: 44.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: -0.018 min
Response: 4560493
Conc: 45.88 ug/ml m