

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
 Data File : FF013215.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 18:25
 Operator : YP\AJ
 Sample : 04054-07MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

5MSD

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 23:55:53 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)	11.891	4571559	33.273 ug/ml
Spiked Amount 50.000		Recovery =	66.55%
12) S 1-chlorooctadecane (S...	13.328	2960704	28.253 ug/ml
Spiked Amount 50.000		Recovery =	56.51%
Target Compounds			
1) T n-Nonane (C9)	3.299	5567953	52.109 ug/ml
2) T n-Decane (C10)	4.545	5914763	55.193 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6777235	57.246 ug/ml
4) T n-Dodecane (C12)	6.703	6166969	56.992 ug/ml
5) T A~2-methylnaphthalene...	7.331	6646092	56.070 ug/ml
6) T n-Tetradecane (C14)	8.529	6167981	57.140 ug/ml
7) T n-Hexadecane (C16)	10.134	6280898	57.942 ug/ml
8) T n-Octadecane (C18)	11.577	6597198	60.249 ug/ml
10) T n-Eicosane (C20)	12.887	6619284	60.322 ug/ml
11) T n-Heneicosane (C21)	13.498	6516705	59.315 ug/ml
13) T n-Docosane (C22)	14.085	6431617	58.582 ug/ml
14) T n-Tetracosane (C24)	15.186	5775906	52.572 ug/ml
15) T n-Hexacosane (C26)	16.208	6356228	58.159 ug/ml
16) T n-Octacosane (C28)	17.156	6418529	59.446 ug/ml
17) T n-Tricontane (C30)	18.044	6315771	57.753 ug/ml
18) T n-Dotriacontane (C32)	18.875	6285716	55.647 ug/ml
19) T n-Tetratriacontane (C34)	19.657	5604634	52.763 ug/mlm
20) T n-Hexatriacontane (C36)	20.394	5127004	48.642 ug/mlm
21) T n-Octatriacontane (C38)	21.124	4848089	48.001 ug/mlm
22) T n-Tetracontane (C40)	22.021	4980462	50.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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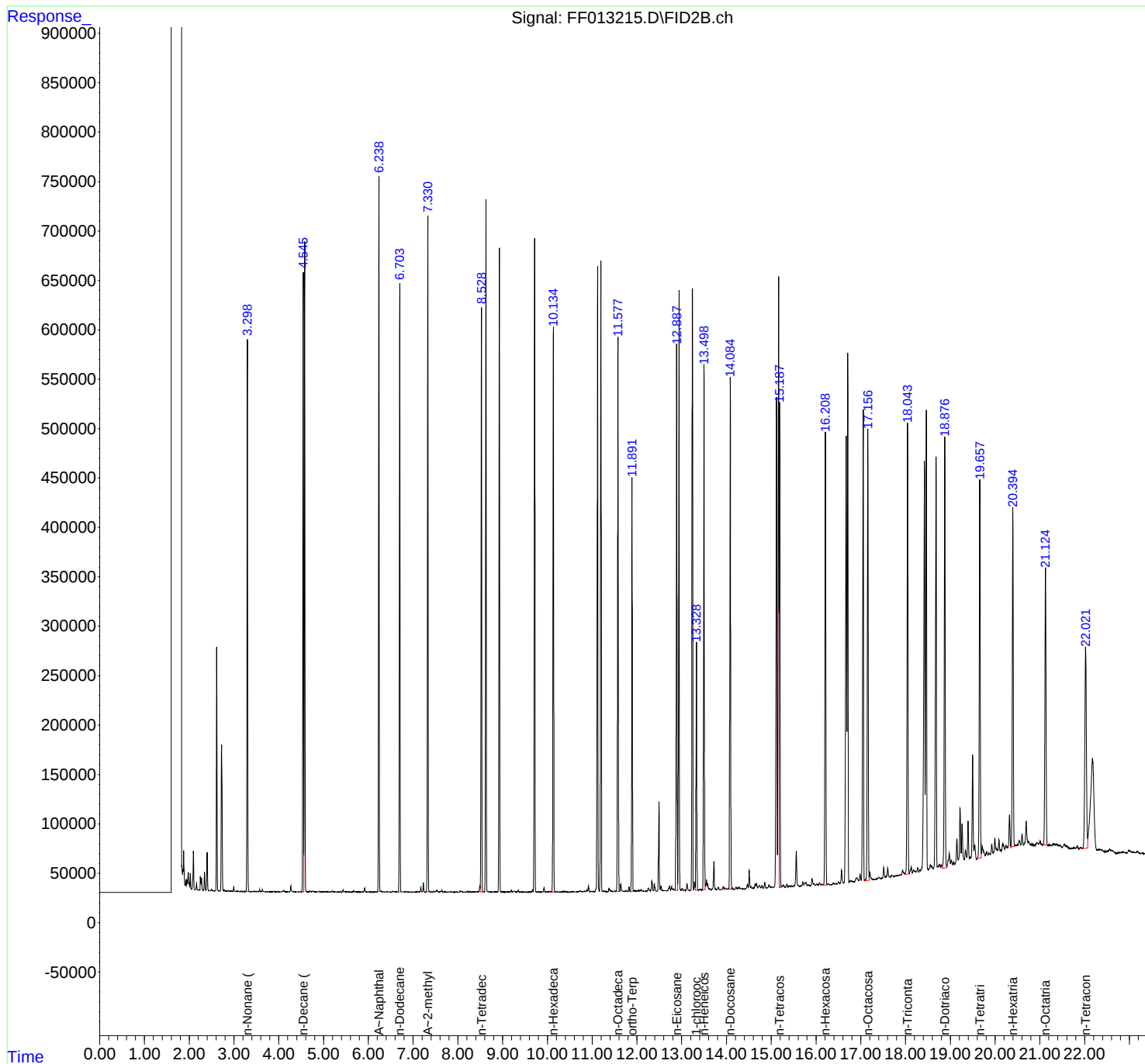
Response via : Initial Calibration

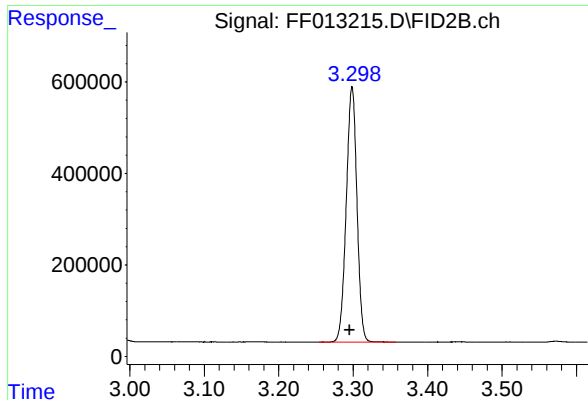
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





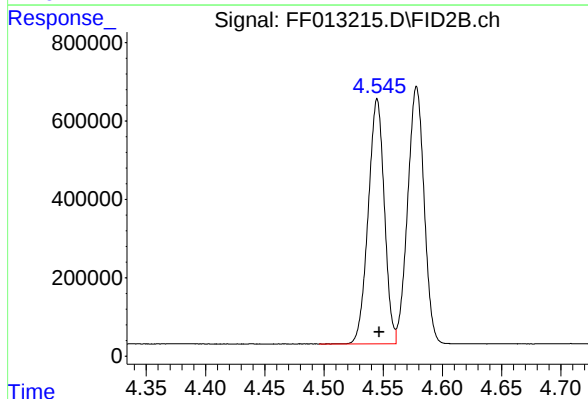
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.004 min
Response: 5567953
Conc: 52.11 ug/ml

Instrument :
FID_F
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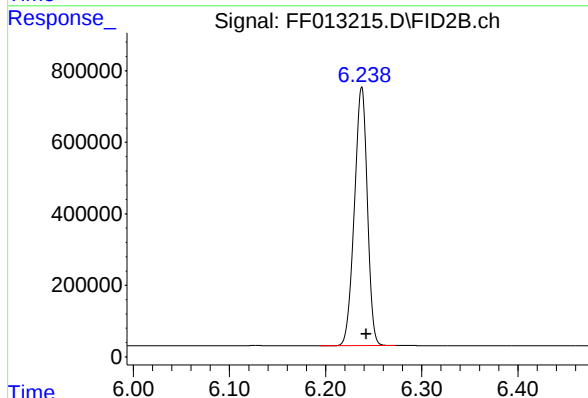
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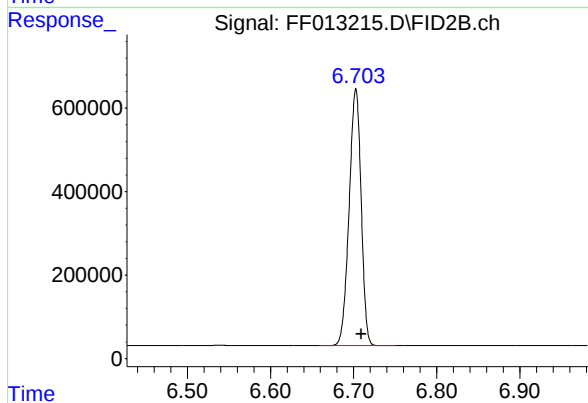
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 5914763
Conc: 55.19 ug/ml



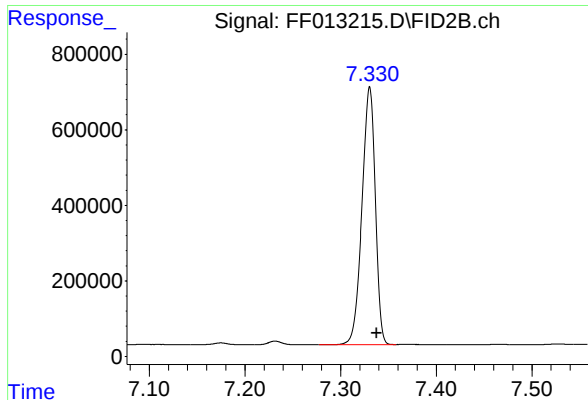
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 6777235
Conc: 57.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 6166969
Conc: 56.99 ug/ml



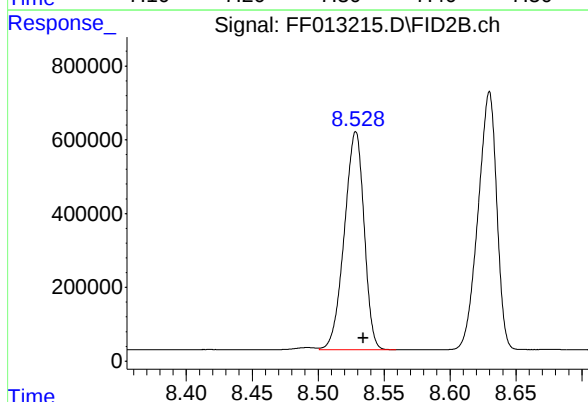
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 6646092
Conc: 56.07 ug/ml

Instrument :
FID_F
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5MSD

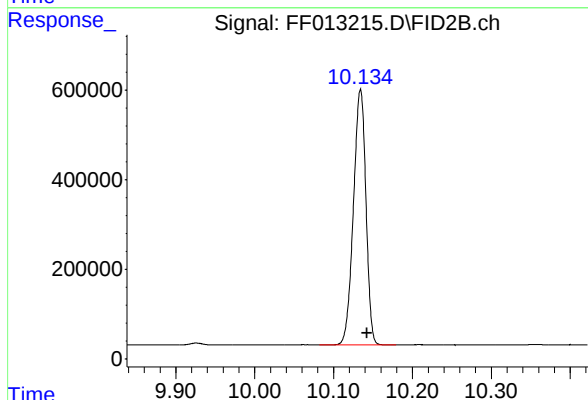
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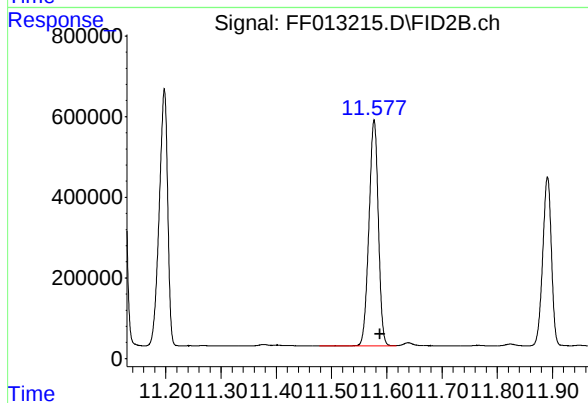
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.006 min
Response: 6167981
Conc: 57.14 ug/ml



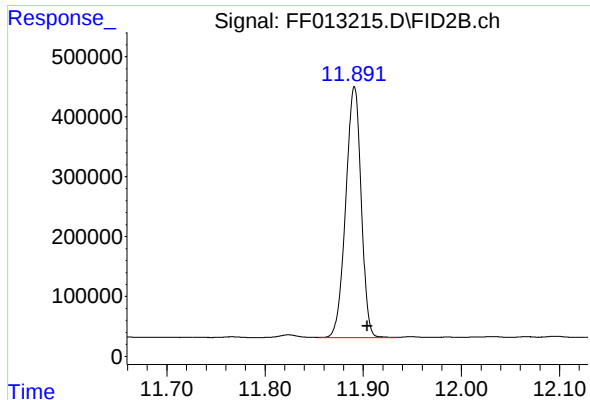
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.008 min
Response: 6280898
Conc: 57.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.010 min
Response: 6597198
Conc: 60.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.013 min
Response: 4571559
Conc: 33.27 ug/ml

Instrument :

FID_F

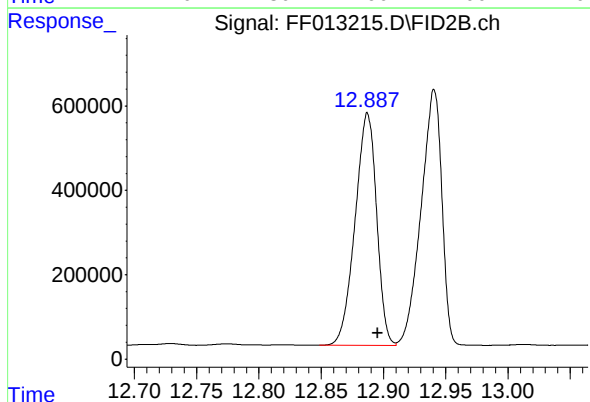
ClientSampleId :

5MSD

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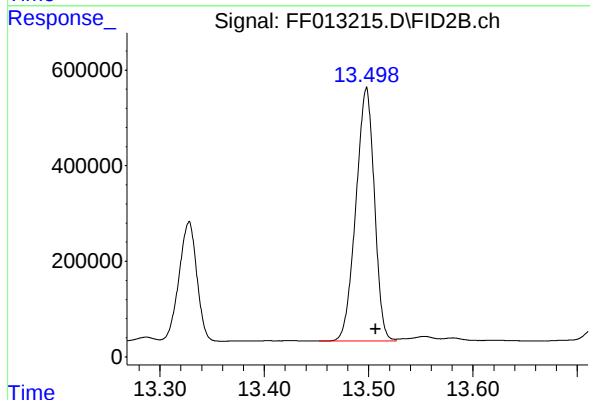
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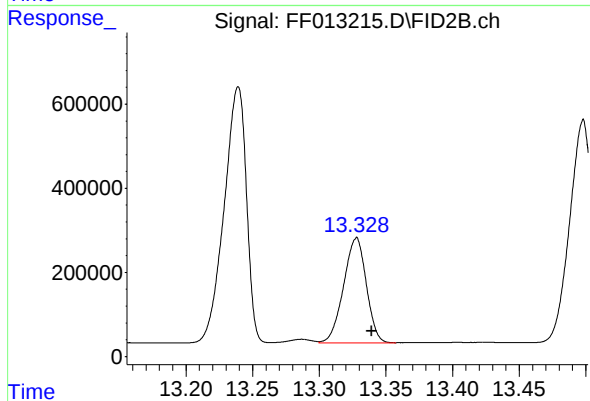
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 6619284
Conc: 60.32 ug/ml



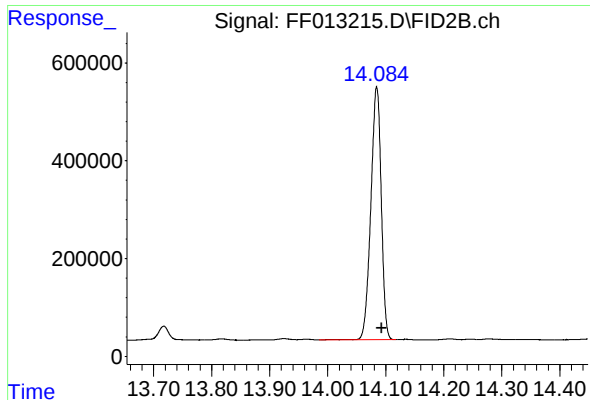
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 6516705
Conc: 59.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: -0.011 min
Response: 2960704
Conc: 28.25 ug/ml



#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.008 min
Response: 6431617
Conc: 58.58 ug/ml

Instrument :

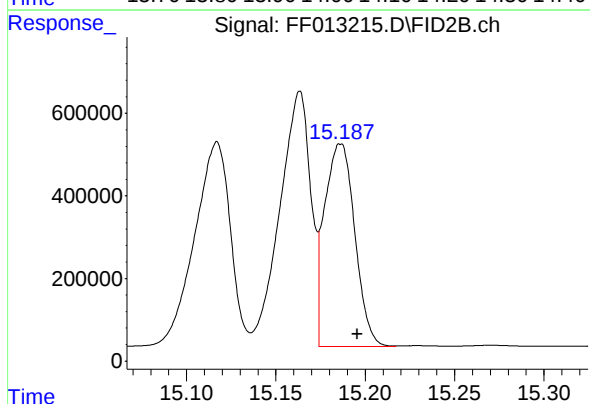
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ClientSampleId :

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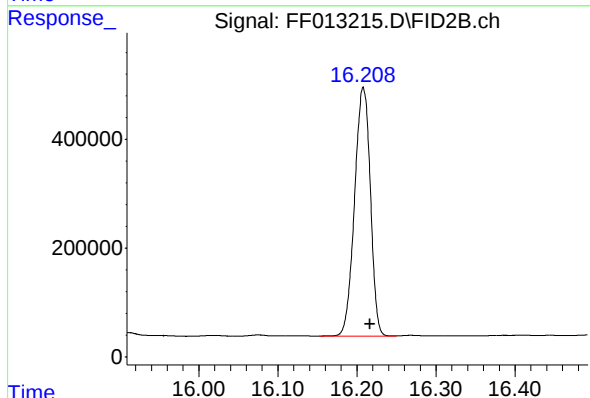
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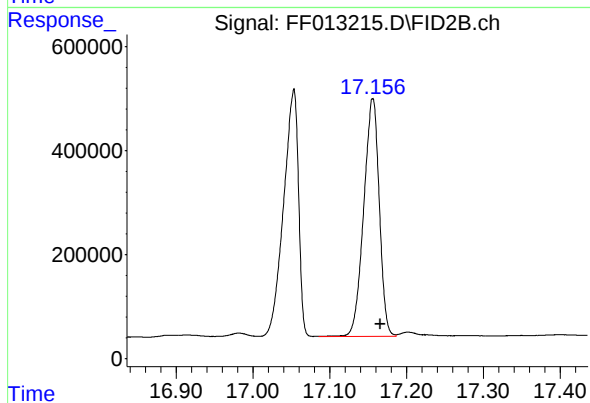
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.009 min
Response: 5775906
Conc: 52.57 ug/ml



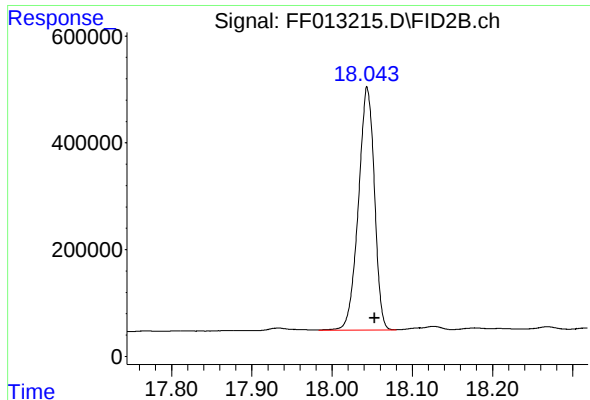
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 6356228
Conc: 58.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 6418529
Conc: 59.45 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 6315771
Conc: 57.75 ug/ml

Instrument :

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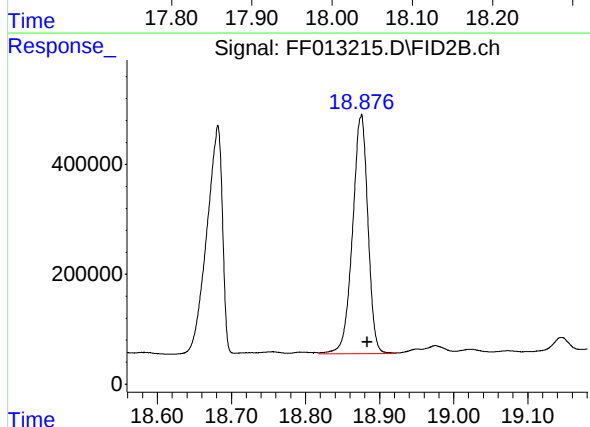
ClientSampleId :

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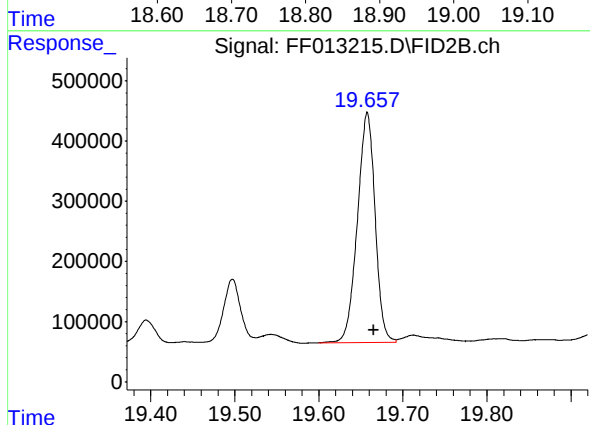
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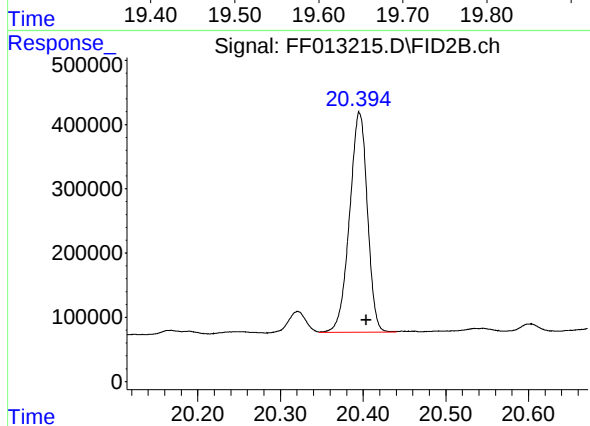
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.008 min
Response: 6285716
Conc: 55.65 ug/ml



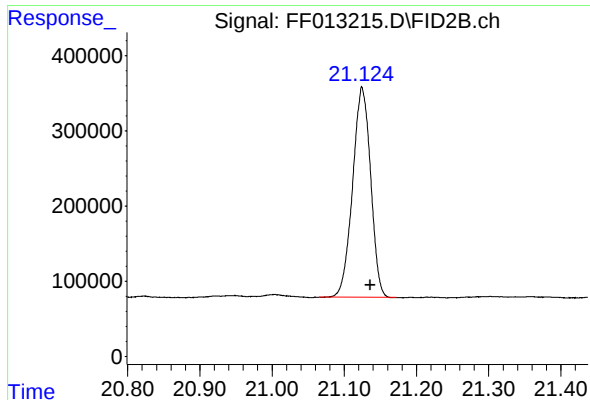
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.008 min
Response: 5604634
Conc: 52.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.009 min
Response: 5127004
Conc: 48.64 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 4848089
Conc: 48.00 ug/ml

Instrument :

FID_F

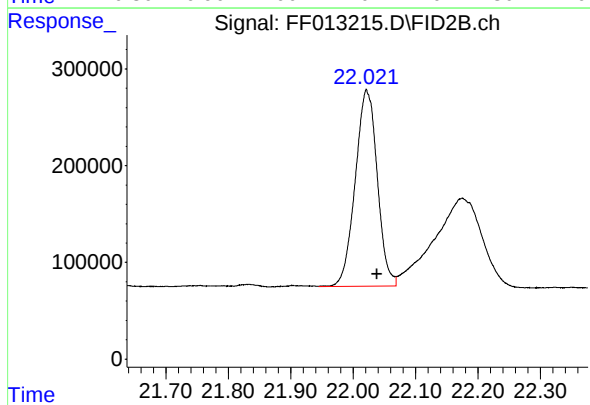
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#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.017 min
Response: 4980462
Conc: 50.11 ug/ml