

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082123AL\
 Data File : FF013235.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 13:03
 Operator : YP\AJ
 Sample : PB154949BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB154949BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: sample.E
 Quant Time: Aug 22 01:33:10 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)	11.895	6397055	46.560 ug/ml
Spiked Amount 50.000		Recovery =	93.12%
12) S 1-chlorooctadecane (S...	13.332	4972669	47.452 ug/ml
Spiked Amount 50.000		Recovery =	94.90%
Target Compounds			
1) T n-Nonane (C9)	3.293	4774896	44.687 ug/ml
2) T n-Decane (C10)	4.543	5189274	48.423 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6053076	51.129 ug/ml
4) T n-Dodecane (C12)	6.704	5662358	52.329 ug/ml
5) T A~2-methylnaphthalene...	7.333	6115911	51.597 ug/ml
6) T n-Tetradecane (C14)	8.530	5754122	53.306 ug/ml
7) T n-Hexadecane (C16)	10.136	5870258	54.154 ug/ml
8) T n-Octadecane (C18)	11.579	5985982	54.667 ug/ml
10) T n-Eicosane (C20)	12.888	6143294	55.985 ug/ml
11) T n-Heneicosane (C21)	13.500	5961214	54.259 ug/ml
13) T n-Docosane (C22)	14.086	5948113	54.178 ug/ml
14) T n-Tetracosane (C24)	15.189	5293188	48.178 ug/ml
15) T n-Hexacosane (C26)	16.210	5820184	53.254 ug/ml
16) T n-Octacosane (C28)	17.158	5798446	53.703 ug/ml
17) T n-Tricontane (C30)	18.046	5658814	51.745 ug/ml
18) T n-Dotriacontane (C32)	18.877	5361429	47.464 ug/ml
19) T n-Tetratriacontane (C34)	19.656	4908854	46.213 ug/mlm
20) T n-Hexatriacontane (C36)	20.397	4489434	42.593 ug/mlm
21) T n-Octatriacontane (C38)	21.124	4397790	43.543 ug/mlm
22) T n-Tetracontane (C40)	22.023	4533682	45.615 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB154949BS
Misc :
ALS Vial : 57 Sample Multiplier: 1

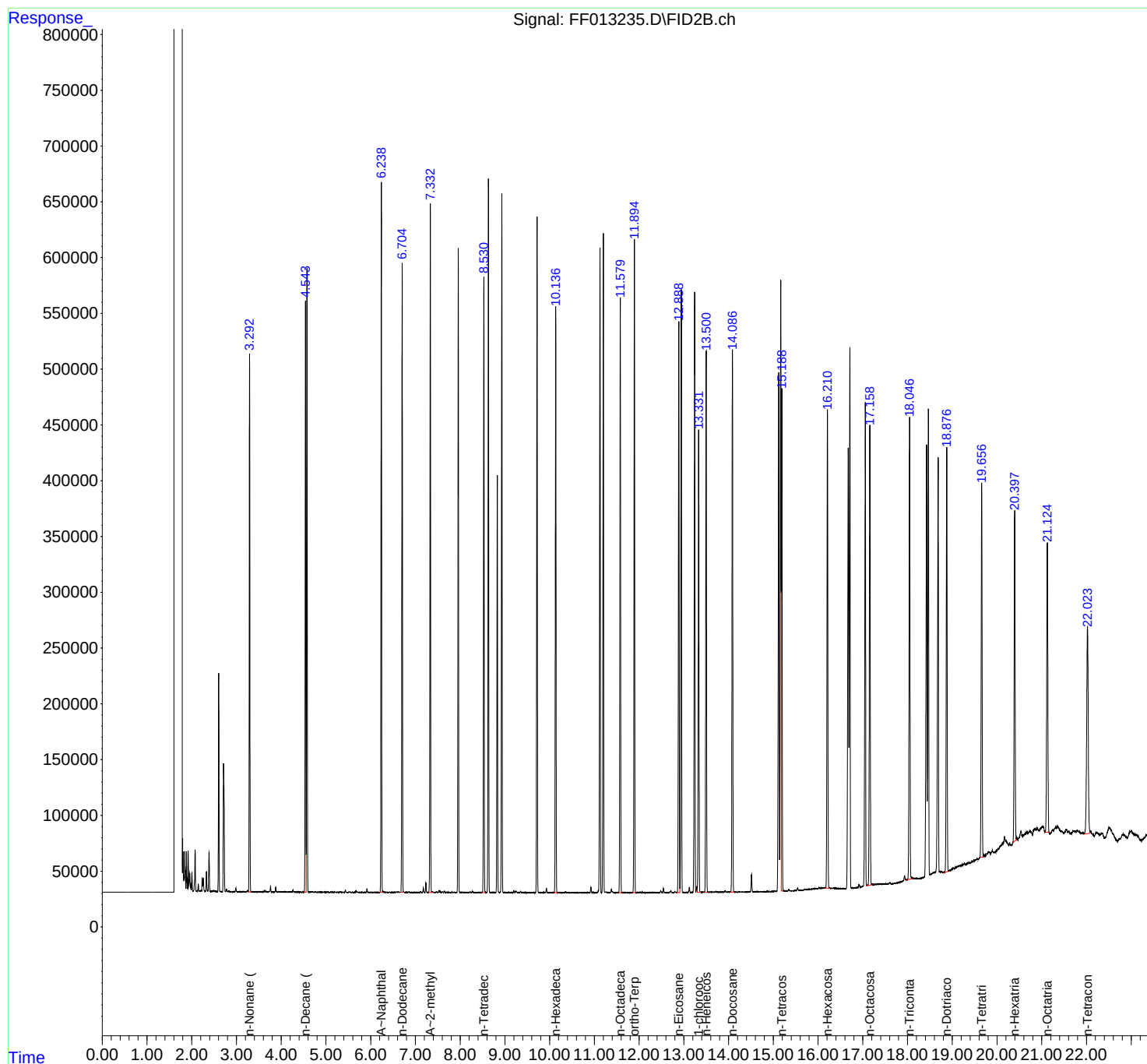
Instrument :
FID_F
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PB154949BS

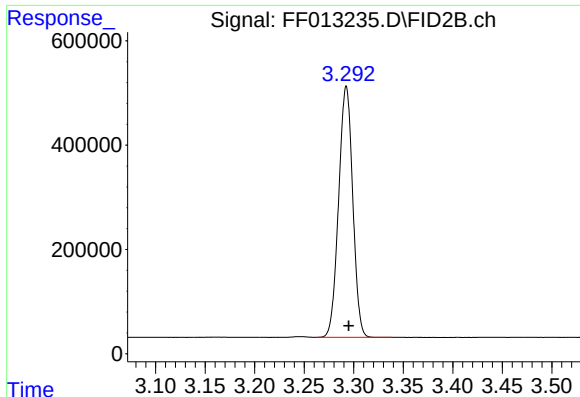
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 4774896
Conc: 44.69 ug/ml

Instrument :

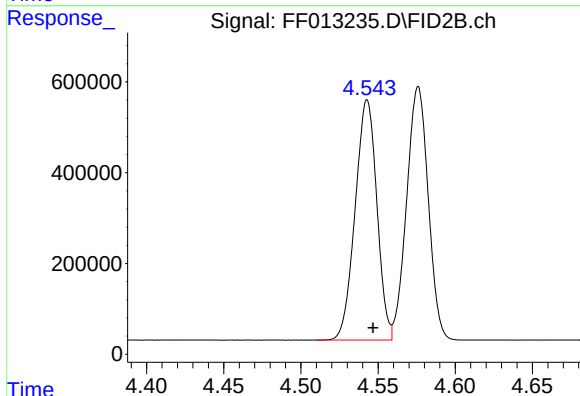
FID_F

ClientSampleId :

PB154949BS

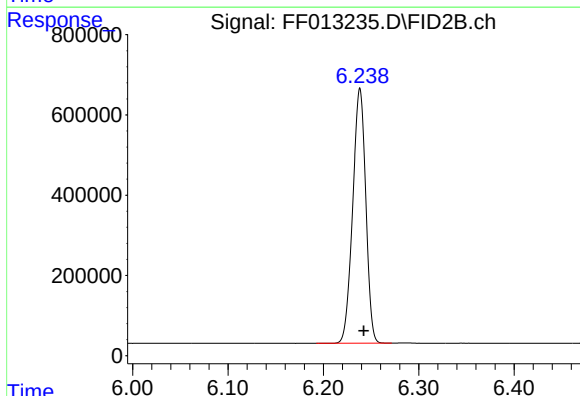
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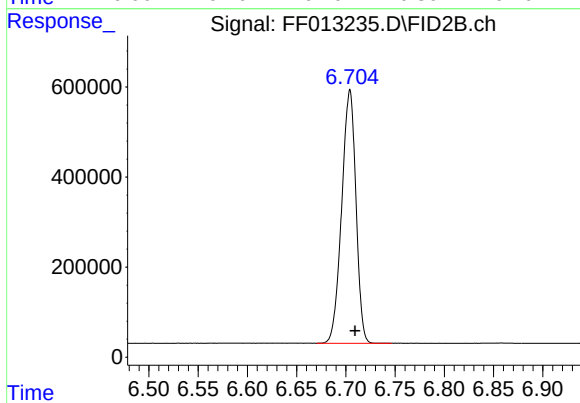
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.004 min
Response: 5189274
Conc: 48.42 ug/ml



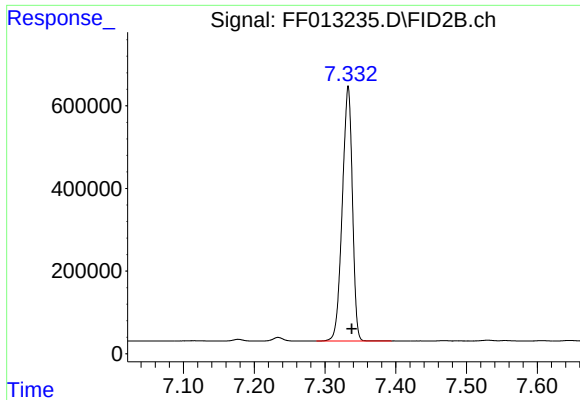
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.004 min
Response: 6053076
Conc: 51.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 5662358
Conc: 52.33 ug/ml



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

R.T.: 7.333 min
Delta R.T.: -0.005 min
Response: 6115911
Conc: 51.60 ug/ml

Instrument :

FID_F

ClientSampleId :

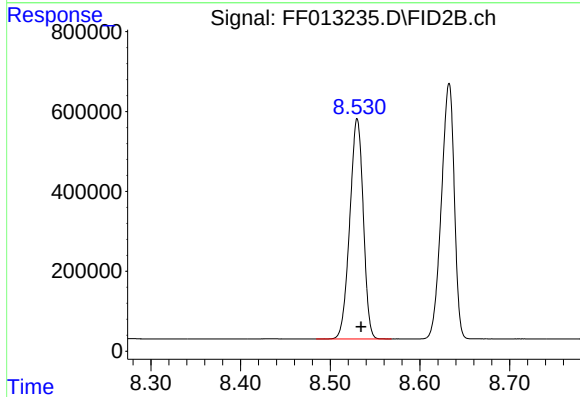
PB154949BS

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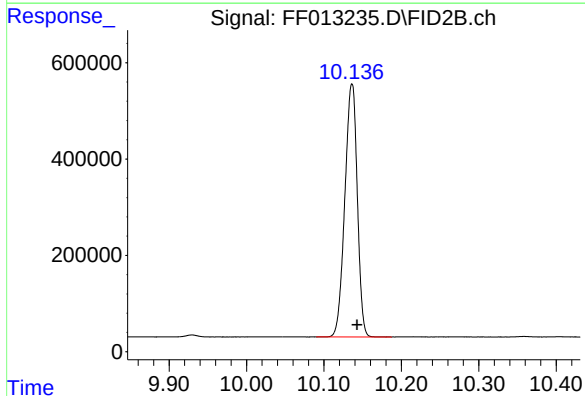
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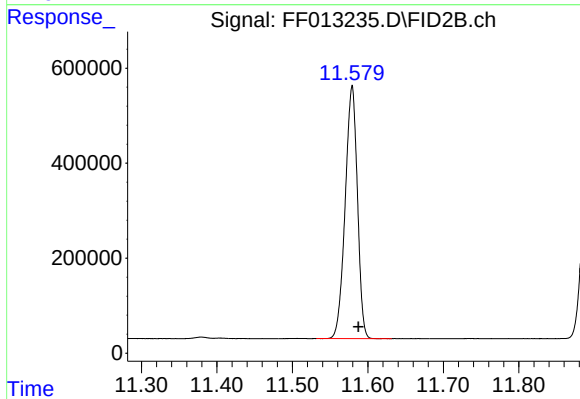
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.004 min
Response: 5754122
Conc: 53.31 ug/ml



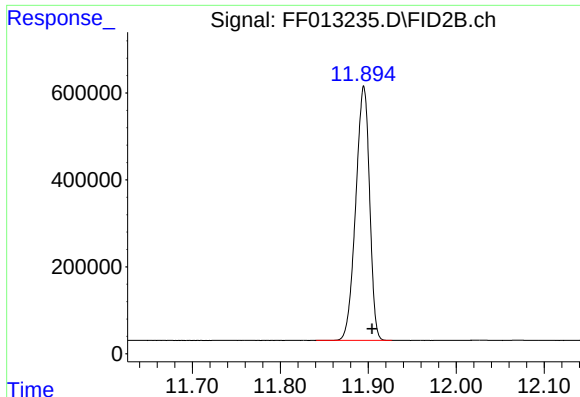
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.006 min
Response: 5870258
Conc: 54.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.008 min
Response: 5985982
Conc: 54.67 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.009 min
Response: 6397055
Conc: 46.56 ug/ml

Instrument :

FID_F

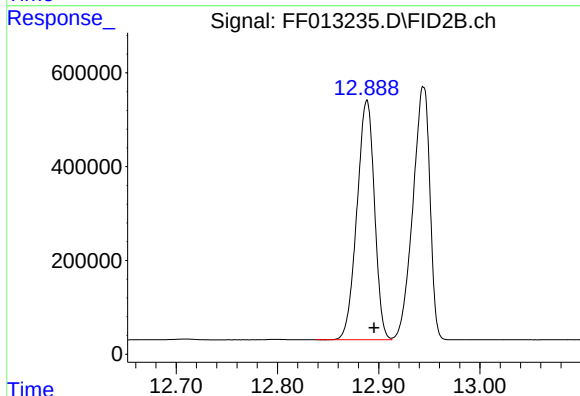
ClientSampleId :

PB154949BS

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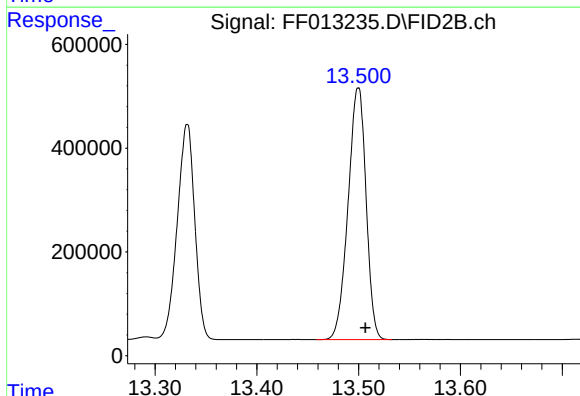
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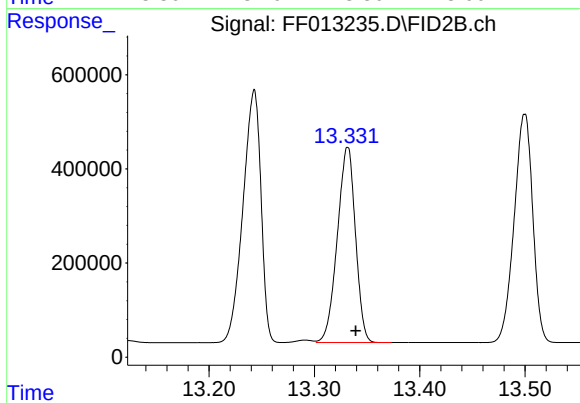
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.007 min
Response: 6143294
Conc: 55.98 ug/ml



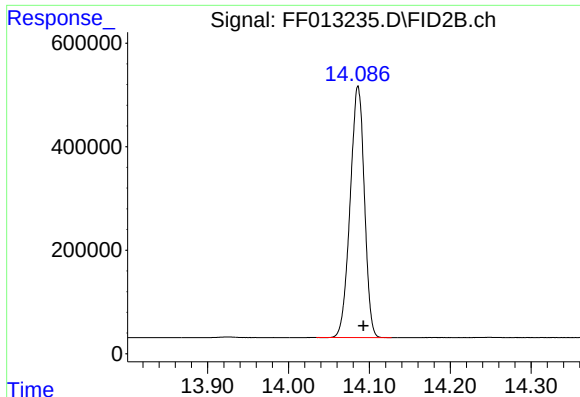
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.007 min
Response: 5961214
Conc: 54.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.332 min
Delta R.T.: -0.008 min
Response: 4972669
Conc: 47.45 ug/ml



#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.007 min
Response: 5948113
Conc: 54.18 ug/ml

Instrument :

FID_F

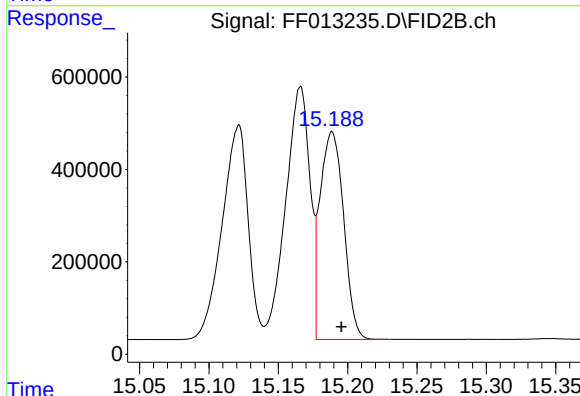
ClientSampleId :

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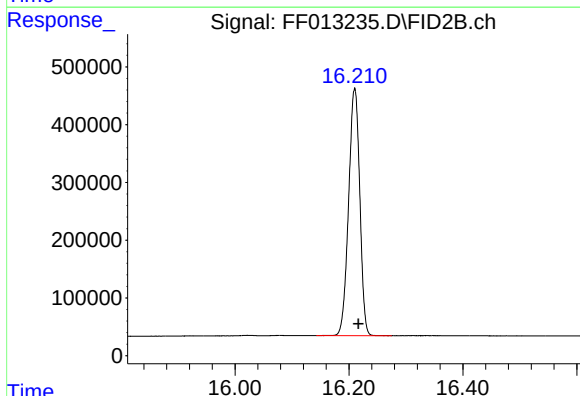
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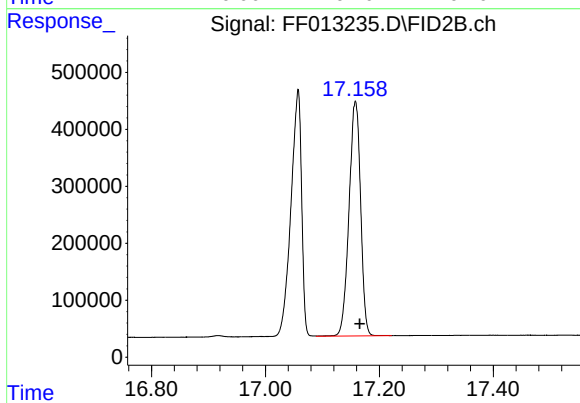
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.007 min
Response: 5293188
Conc: 48.18 ug/ml



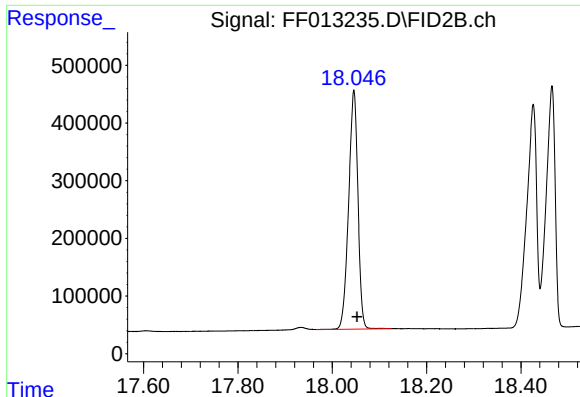
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.006 min
Response: 5820184
Conc: 53.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.158 min
Delta R.T.: -0.008 min
Response: 5798446
Conc: 53.70 ug/ml



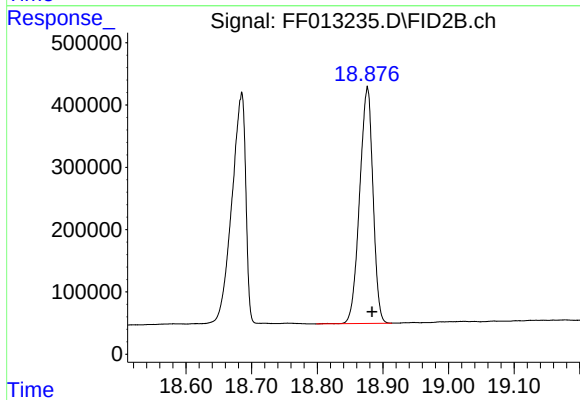
#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 5658814
Conc: 51.75 ug/ml

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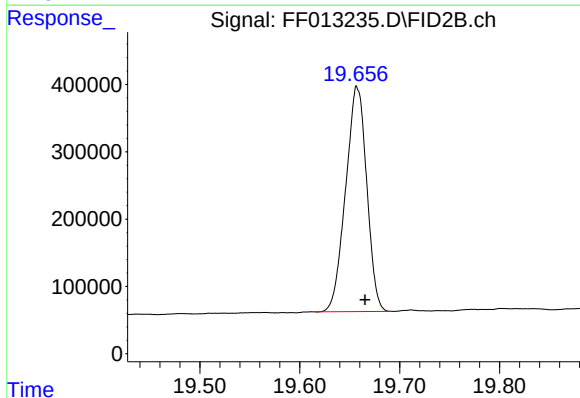
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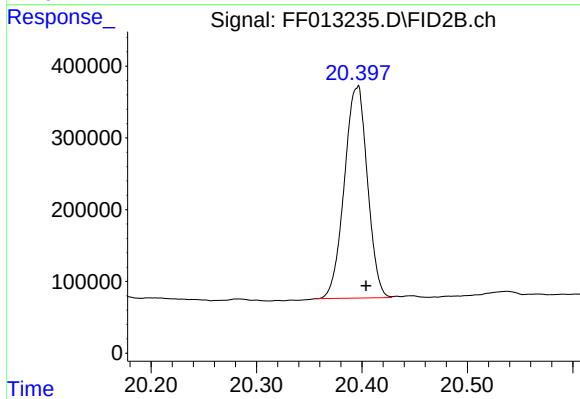
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.007 min
Response: 5361429
Conc: 47.46 ug/ml



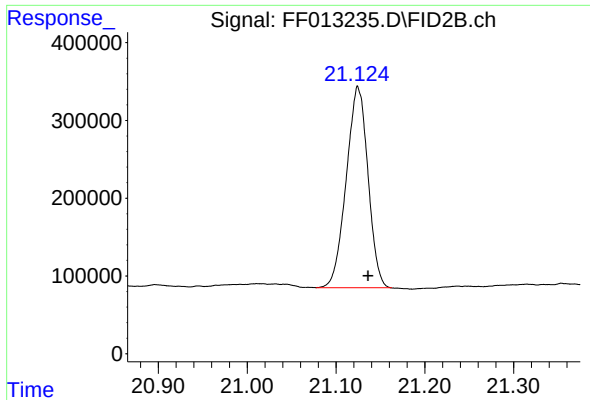
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.009 min
Response: 4908854
Conc: 46.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: -0.007 min
Response: 4489434
Conc: 42.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 4397790
Conc: 43.54 ug/ml

Instrument :

FID_F

ClientSampleId :

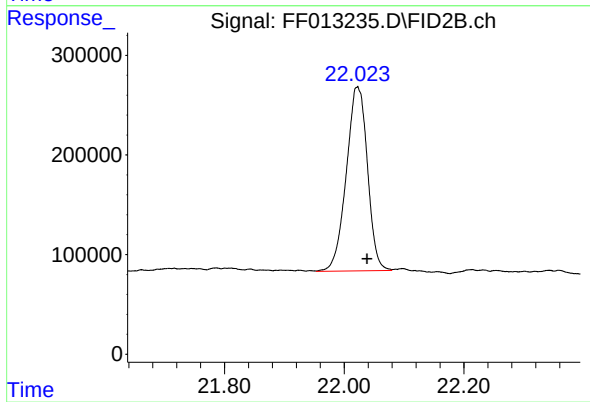
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#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.016 min
Response: 4533682
Conc: 45.61 ug/ml m