

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050268.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2024 05:30
 Operator : YP\AJ
 Sample : PB163556BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163556BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e
 Quant Time: Sep 21 07:50:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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			
9) S ortho-Terphenyl (SURR)	11.869	6148159	41.324 ug/ml
Spiked Amount 50.000		Recovery =	82.65%
12) S 1-chlorooctadecane (S...	13.302	5096017	45.368 ug/ml
Spiked Amount 50.000		Recovery =	90.74%
Target Compounds			
1) T n-Nonane (C9)	3.267	6145235	45.337 ug/ml
2) T n-Decane (C10)	4.514	6487045	47.004 ug/ml
3) T A~Naphthalene (C11.7)	6.218	6784172	48.469 ug/ml
4) T n-Dodecane (C12)	6.677	6465985	46.759 ug/ml
5) T A~2-methylnaphthalene...	7.313	6054843	46.066 ug/ml
6) T n-Tetradecane (C14)	8.504	6747811	49.554 ug/ml
7) T n-Hexadecane (C16)	10.109	6773802	48.767 ug/ml
8) T n-Octadecane (C18)	11.551	6746356	48.153 ug/ml
10) T n-Eicosane (C20)	12.857	6724156	50.126 ug/mlm
11) T n-Heneicosane (C21)	13.469	6538465	49.761 ug/ml
13) T n-Docosane (C22)	14.053	6402005	49.164 ug/ml
14) T n-Tetracosane (C24)	15.152	12378252	94.787 ug/ml
15) T n-Hexacosane (C26)	16.175	6222119	48.633 ug/ml
16) T n-Octacosane (C28)	17.123	7212358	55.993 ug/ml
17) T n-Tricontane (C30)	18.010	6461270	48.319 ug/ml
18) T n-Dotriacontane (C32)	18.840	6588620	49.443 ug/mlm
19) T n-Tetratriacontane (C34)	19.624	6767243	54.768 ug/ml
20) T n-Hexatriacontane (C36)	20.363	6686447	60.265 ug/ml
21) T n-Octatriacontane (C38)	21.089	6733259	61.056 ug/mlm
22) T n-Tetracontane (C40)	21.976	6233102	57.282 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Sep 21 07:50:49 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

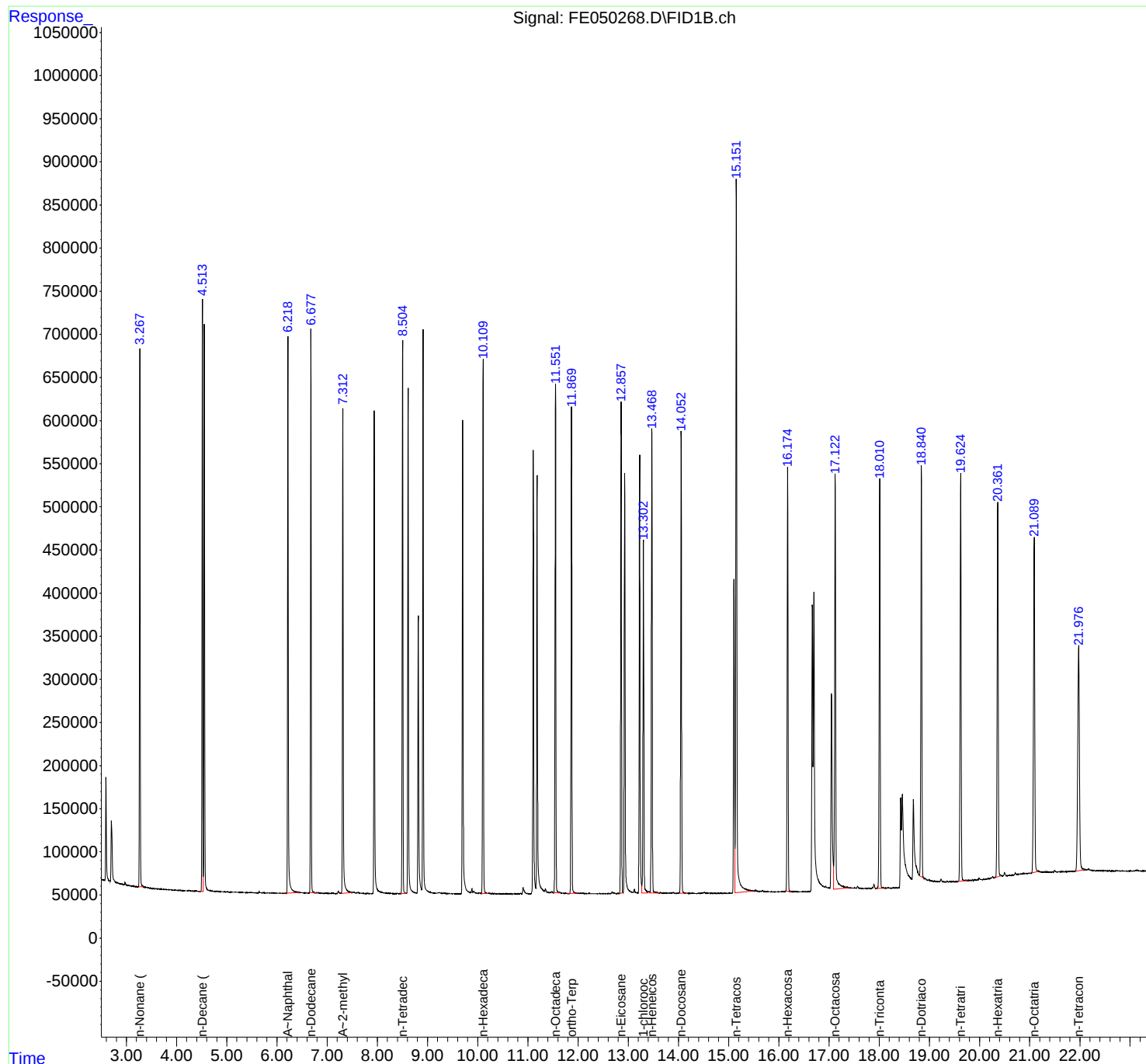
Response via : Initial Calibration

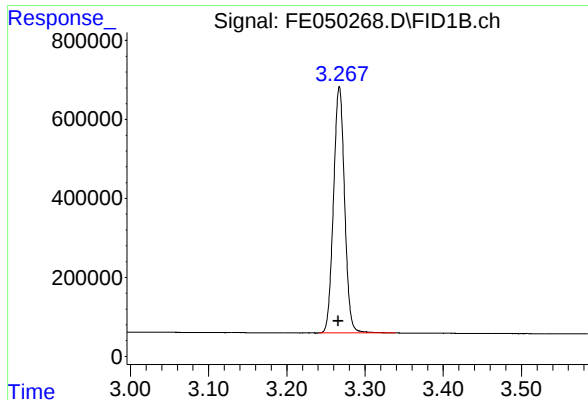
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





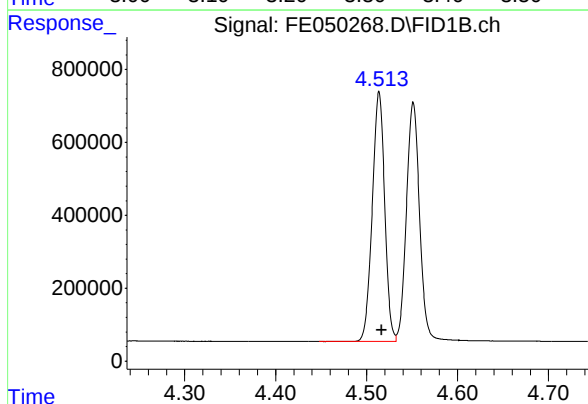
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: 0.001 min
Response: 6145235
Conc: 45.34 ug/ml

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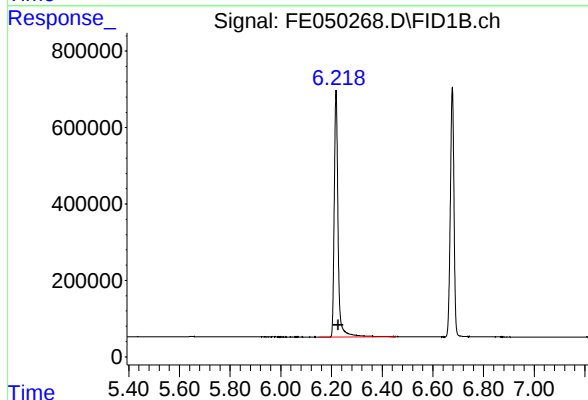
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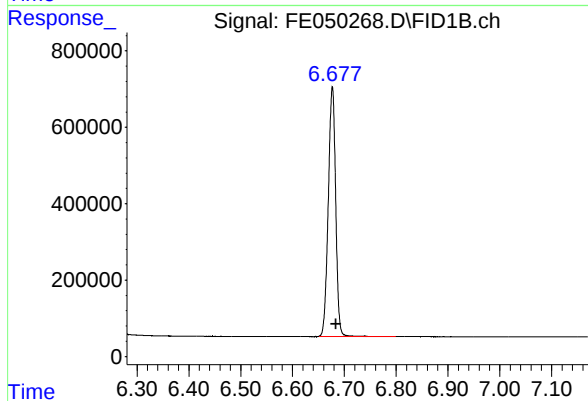
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 6487045
Conc: 47.00 ug/ml



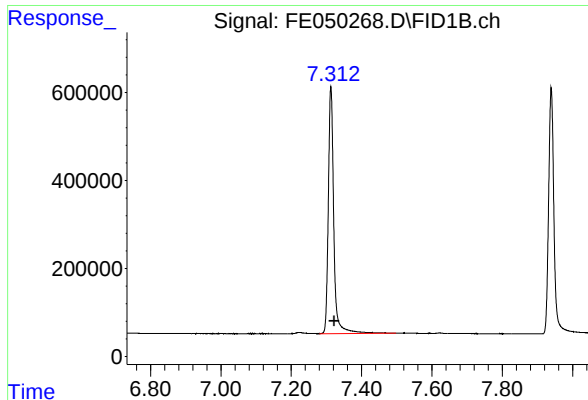
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.009 min
Response: 6784172
Conc: 48.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 6465985
Conc: 46.76 ug/ml



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

R.T.: 7.313 min
Delta R.T.: -0.010 min
Response: 6054843
Conc: 46.07 ug/ml

Instrument :

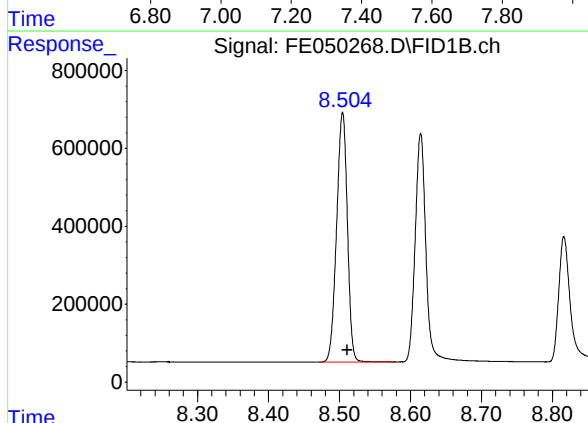
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ClientSampleId :

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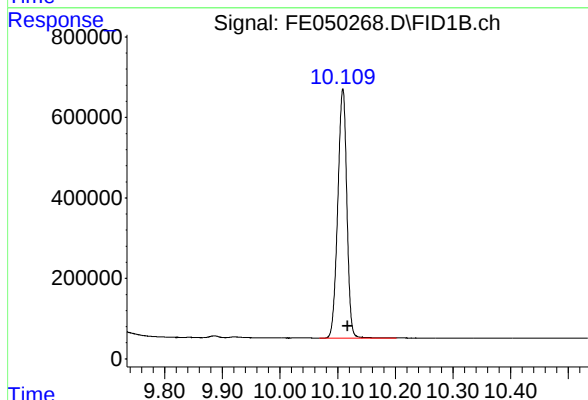
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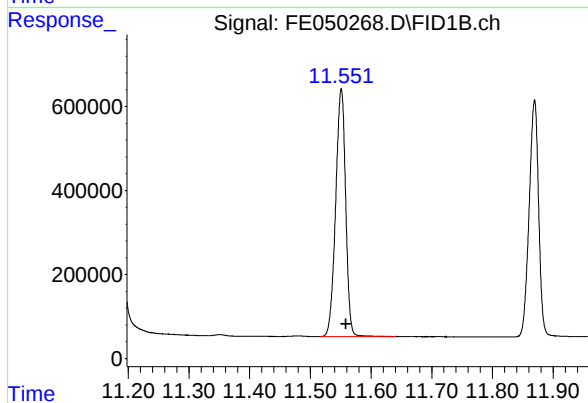
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.006 min
Response: 6747811
Conc: 49.55 ug/ml



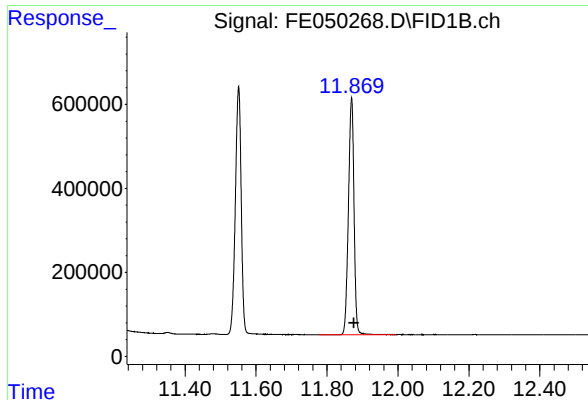
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.008 min
Response: 6773802
Conc: 48.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.008 min
Response: 6746356
Conc: 48.15 ug/ml



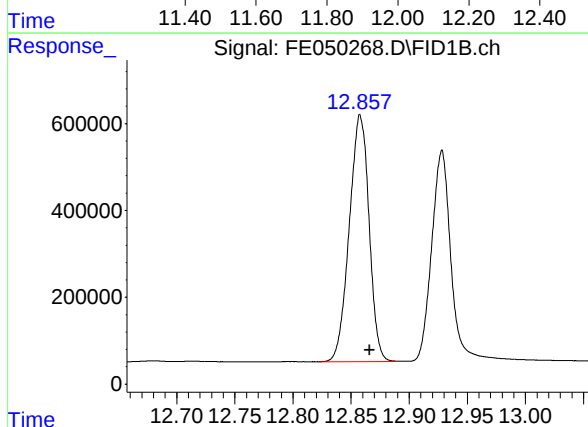
#9 ortho-Terphenyl (SURR)

R.T.: 11.869 min
Delta R.T.: -0.007 min
Response: 6148159
Conc: 41.32 ug/ml

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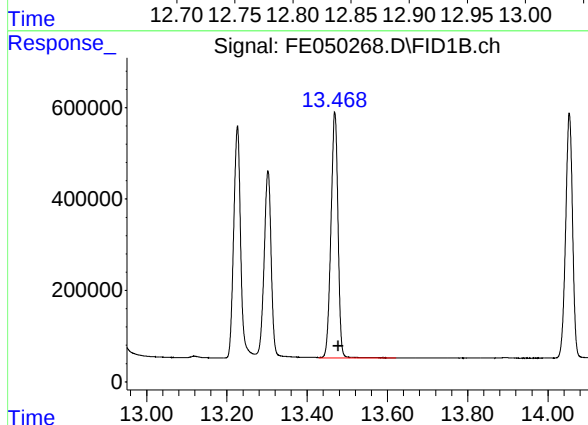
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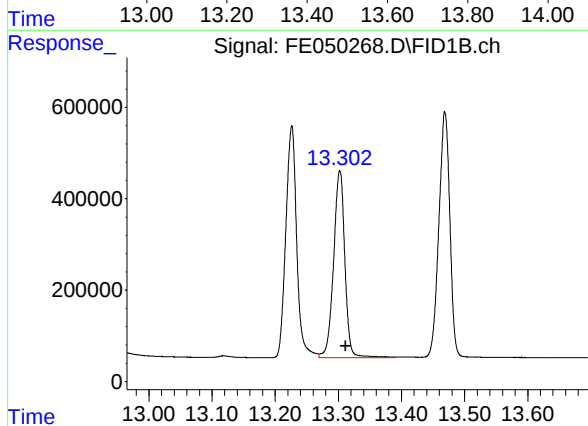
#10 n-Eicosane (C20)

R.T.: 12.857 min
Delta R.T.: -0.009 min
Response: 6724156
Conc: 50.13 ug/ml m



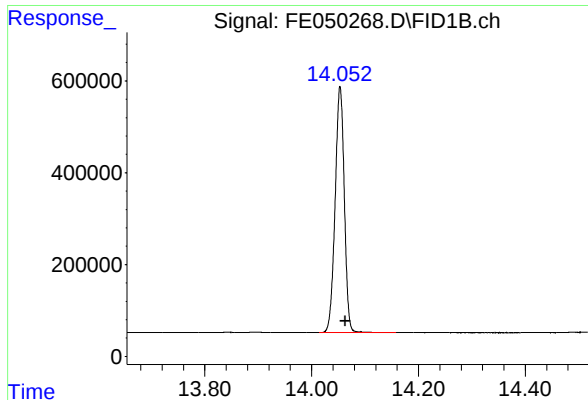
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.008 min
Response: 6538465
Conc: 49.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: -0.009 min
Response: 5096017
Conc: 45.37 ug/ml



#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: -0.010 min
Response: 6402005
Conc: 49.16 ug/ml

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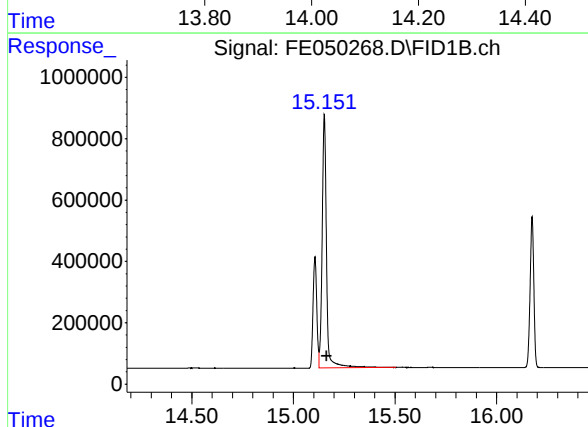
ClientSampleId :

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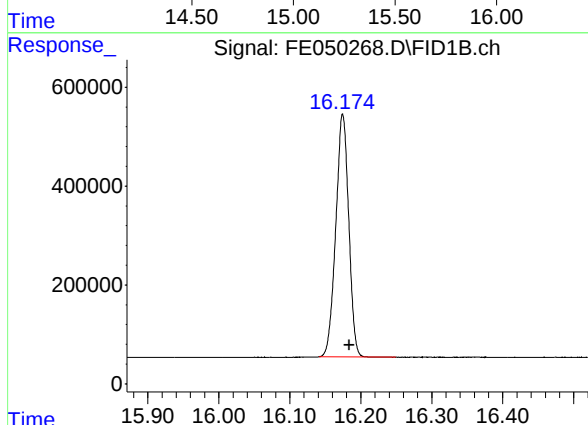
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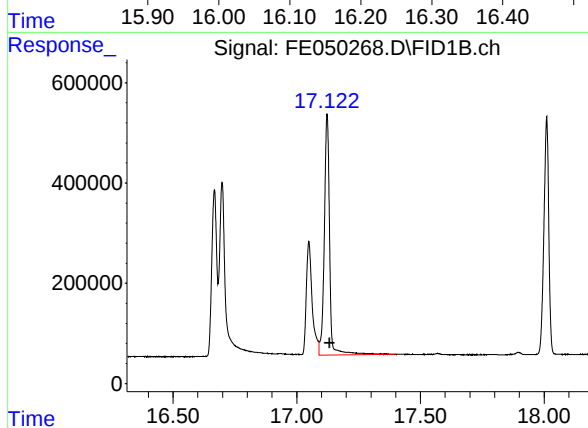
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.012 min
Response: 12378252
Conc: 94.79 ug/ml



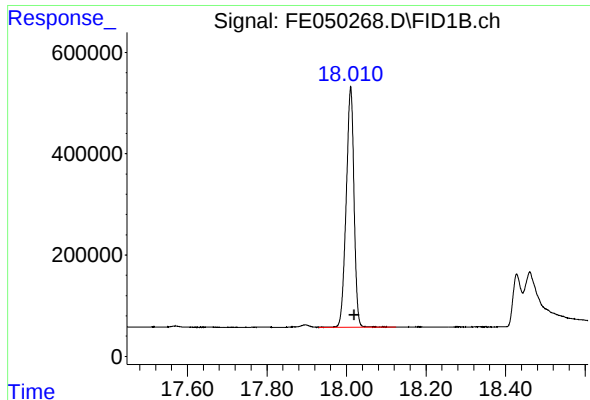
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 6222119
Conc: 48.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 7212358
Conc: 55.99 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.009 min
Response: 6461270
Conc: 48.32 ug/ml

Instrument :

FID_E

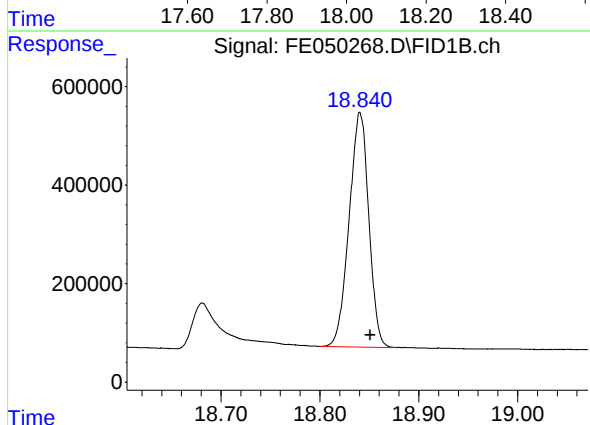
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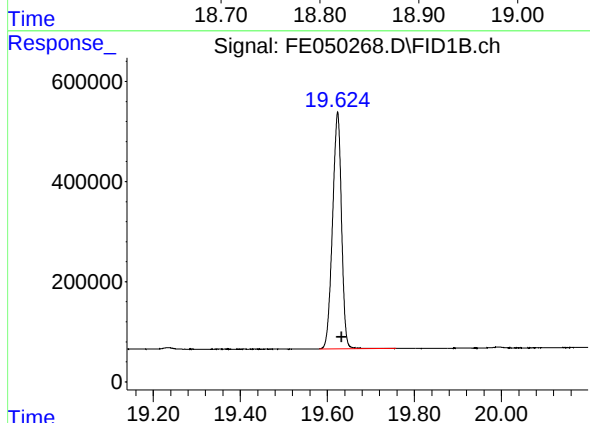
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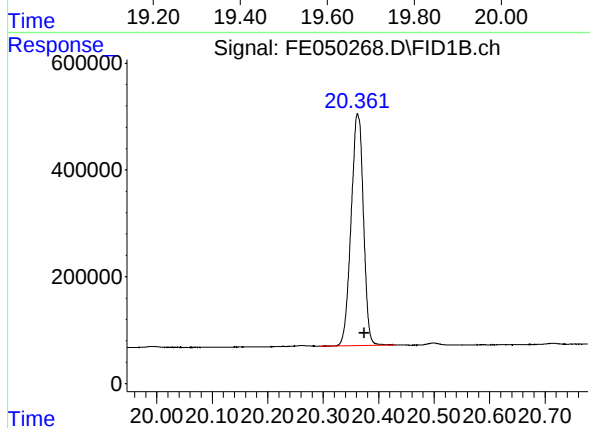
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 6588620
Conc: 49.44 ug/ml



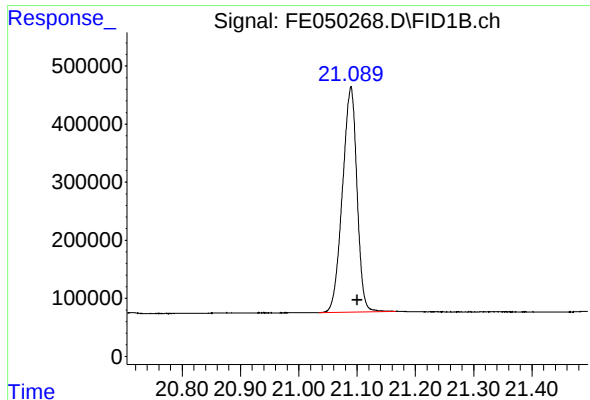
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.010 min
Response: 6767243
Conc: 54.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.011 min
Response: 6686447
Conc: 60.27 ug/ml



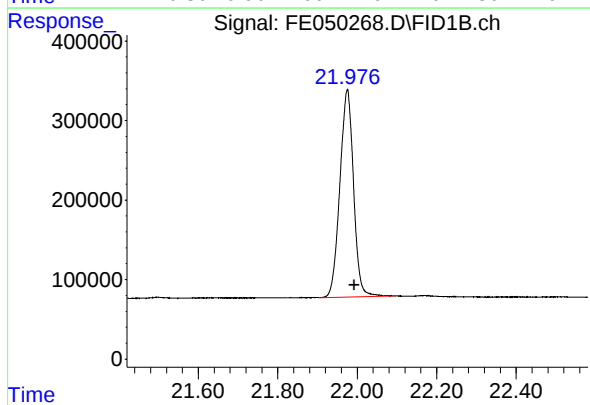
#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.012 min
Response: 6733259
Conc: 61.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.017 min
Response: 6233102
Conc: 57.28 ug/ml m