

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092023AL\
 Data File : FE044368.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2023 19:21
 Operator : YP\AJ
 Sample : 04515-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1-EPH

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :Ankita Jodhani 09/21/2023

Integration File: autoint1.e

Quant Time: Sep 21 01:11:03 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)	11.930	5707136	30.125 ug/ml
Spiked Amount 50.000		Recovery =	60.25%
12) S 1-chlorooctadecane (S...	13.369	4400230	31.852 ug/ml
Spiked Amount 50.000		Recovery =	63.70%
Target Compounds			
1) T n-Nonane (C9)	3.313	1837686	11.265 ug/ml
2) T n-Decane (C10)	4.566	1860778	11.195 ug/ml
3) T A~Naphthalene (C11.7)	6.269	1955859	10.922 ug/ml
4) T n-Dodecane (C12)	6.730	1901155	11.305 ug/ml
5) T A~2-methylnaphthalene...	7.364	1907742	11.128 ug/ml
6) T n-Tetradecane (C14)	8.559	1888817	11.263 ug/ml
7) T n-Hexadecane (C16)	10.166	1901599	11.002 ug/ml
8) T n-Octadecane (C18)	11.611	1930347	11.089 ug/ml
10) T n-Eicosane (C20)	12.923	1914814	11.576 ug/ml
11) T n-Heneicosane (C21)	13.535	1828256	11.303 ug/ml
13) T n-Docosane (C22)	14.122	1834898	11.485 ug/ml
14) T n-Tetracosane (C24)	15.225	1610407	10.298 ug/ml
15) T n-Hexacosane (C26)	16.249	1713842	11.368 ug/ml
16) T n-Octacosane (C28)	17.199	1715924	11.890 ug/ml
17) T n-Tricontane (C30)	18.090	1766889	12.162 ug/mlm
18) T n-Dotriacontane (C32)	18.923	1821836	12.790 ug/mlm
19) T n-Tetratriacontane (C34)	19.707	1712831	12.240 ug/mlm
20) T n-Hexatriacontane (C36)	20.451	1705585	12.441 ug/mlm
21) T n-Octatriacontane (C38)	21.193	1715536	12.358 ug/ml
22) T n-Tetracontane (C40)	22.115	1693091	12.246 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Integration File: autoint1.e

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 2023

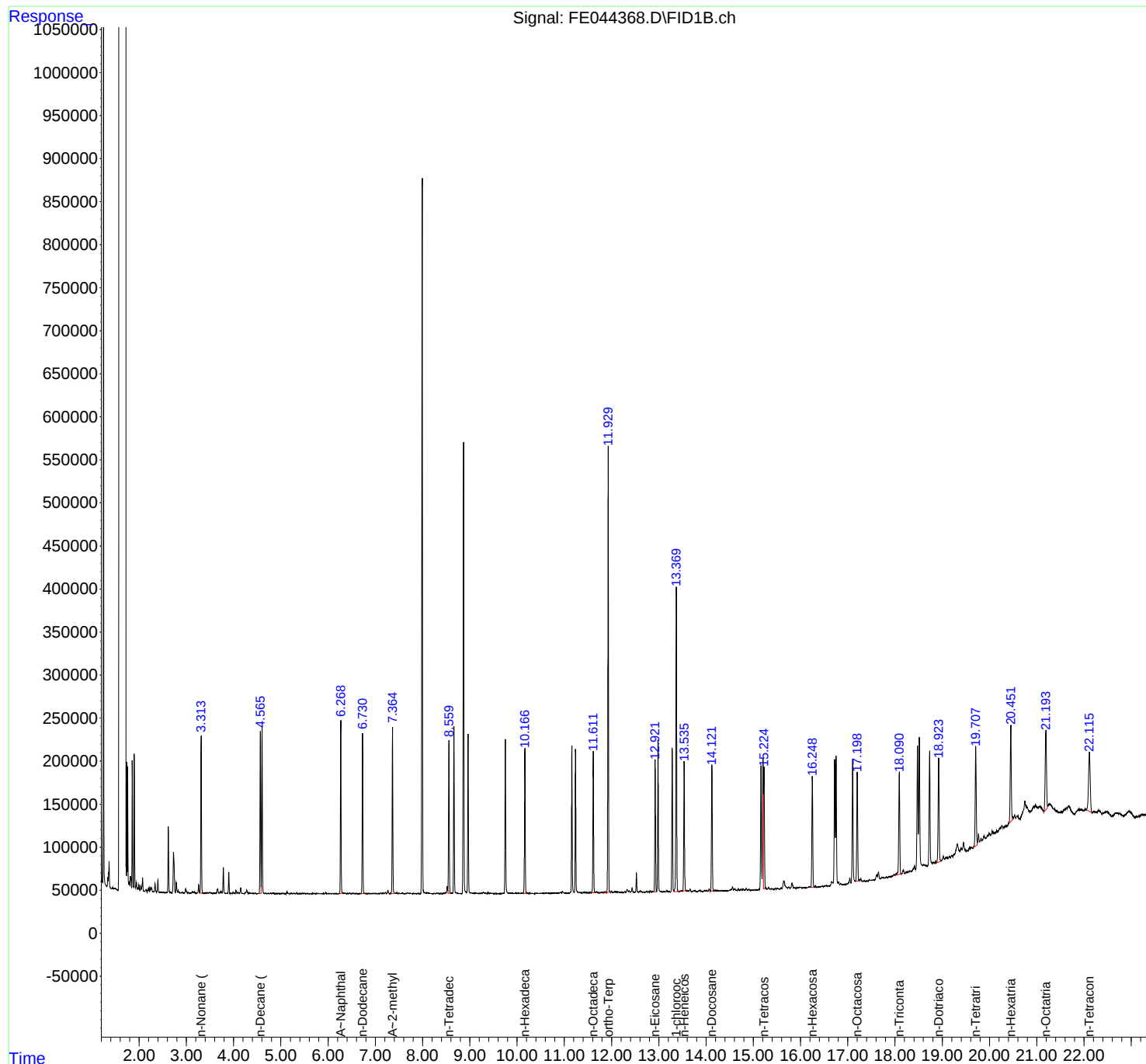
Response via : Initial Calibration

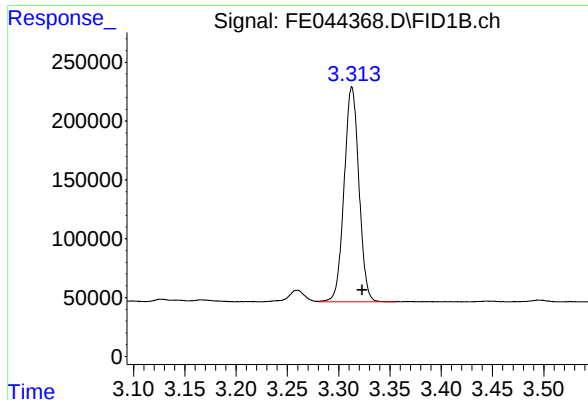
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





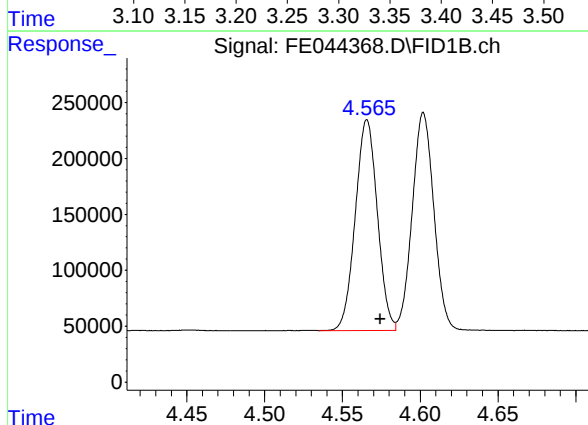
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 1837686
Conc: 11.26 ug/ml

Instrument :
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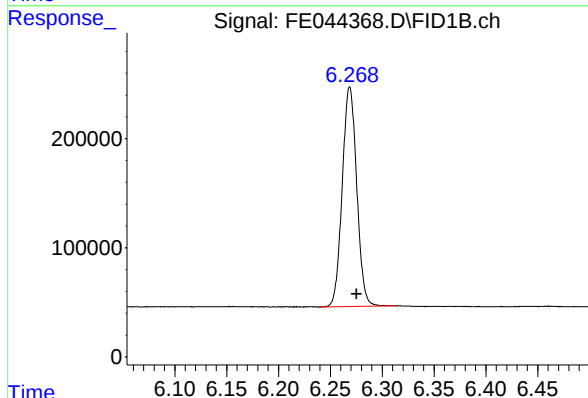
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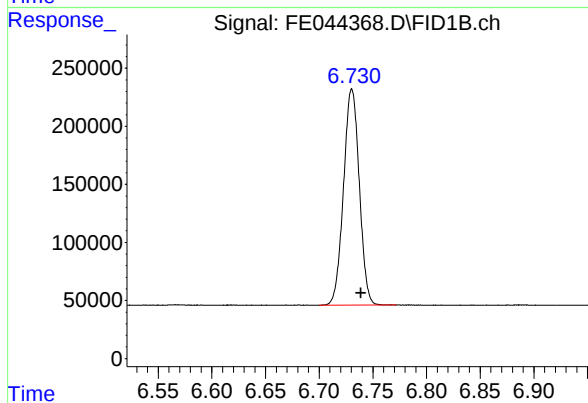
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.008 min
Response: 1860778
Conc: 11.20 ug/ml



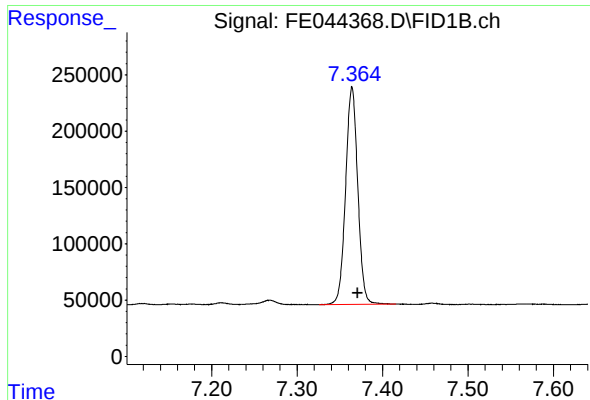
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 1955859
Conc: 10.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: -0.008 min
Response: 1901155
Conc: 11.30 ug/ml



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

R.T.: 7.364 min
Delta R.T.: -0.007 min
Response: 1907742
Conc: 11.13 ug/ml

Instrument :

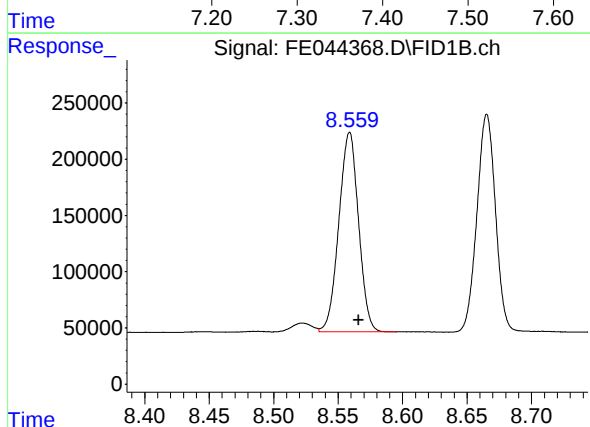
FID_E

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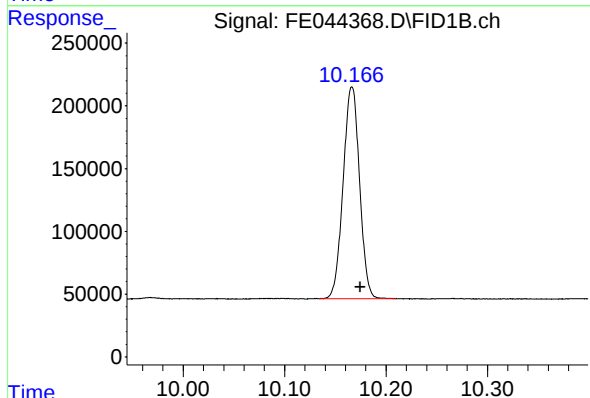
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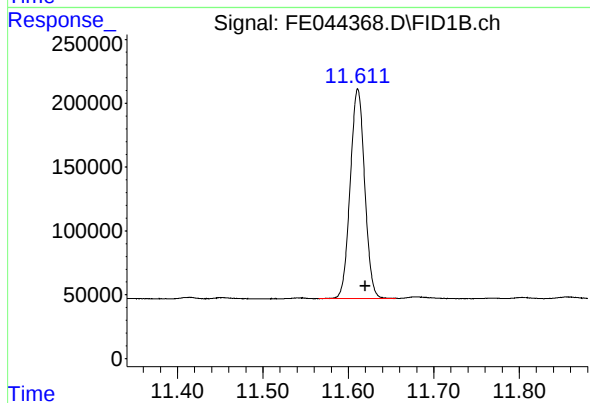
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.007 min
Response: 1888817
Conc: 11.26 ug/ml



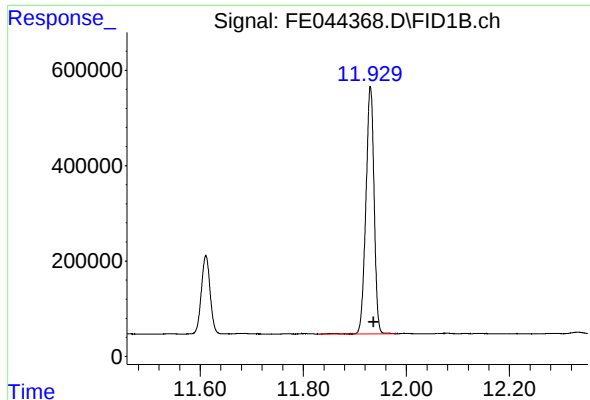
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.008 min
Response: 1901599
Conc: 11.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.009 min
Response: 1930347
Conc: 11.09 ug/ml



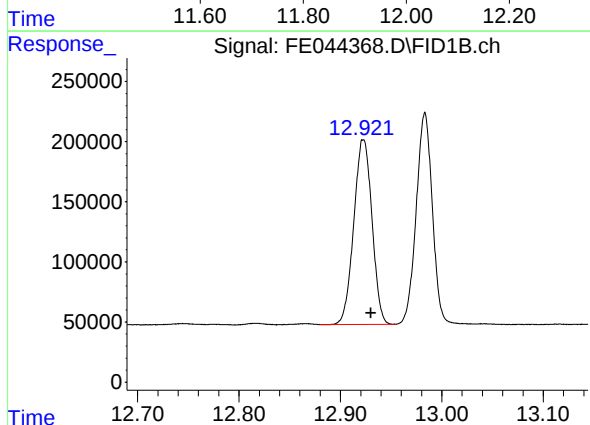
#9 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: -0.006 min
Response: 5707136
Conc: 30.12 ug/ml

Instrument :
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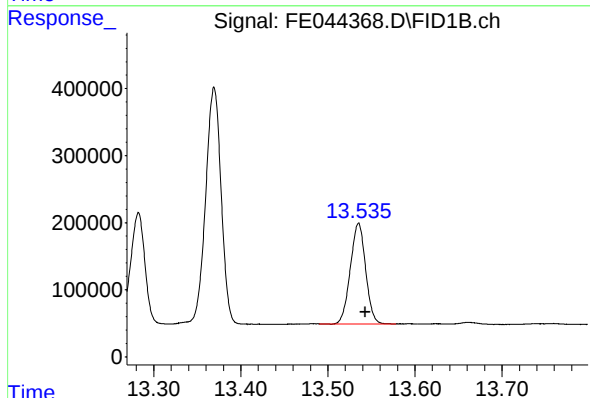
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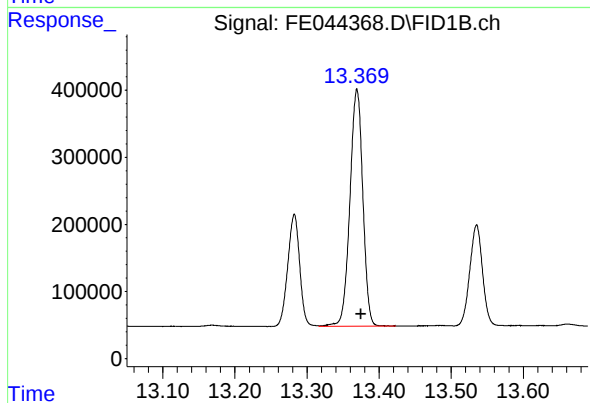
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.007 min
Response: 1914814
Conc: 11.58 ug/ml



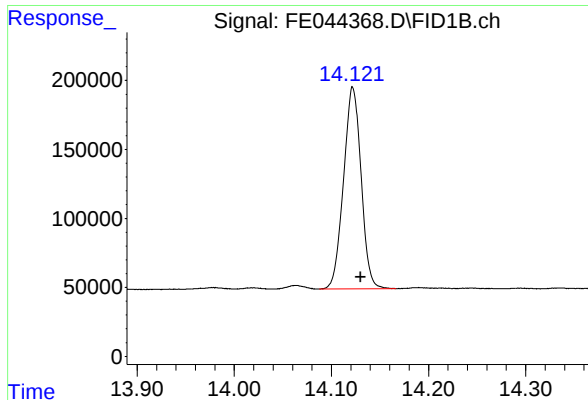
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.007 min
Response: 1828256
Conc: 11.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.006 min
Response: 4400230
Conc: 31.85 ug/ml



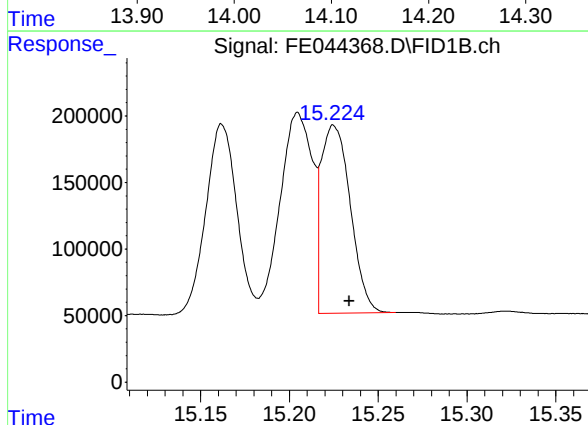
#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.008 min
Response: 1834898
Conc: 11.49 ug/ml

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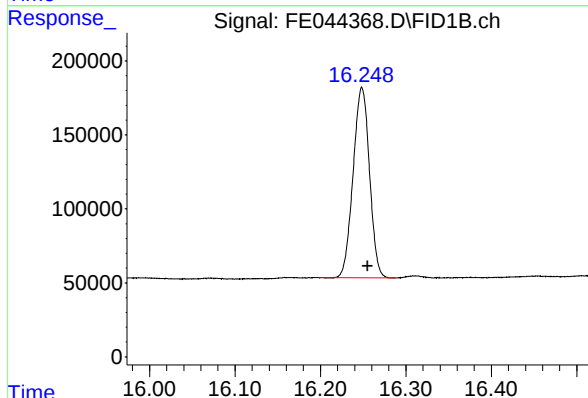
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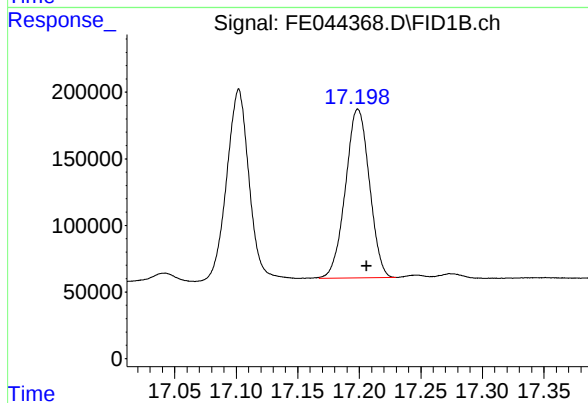
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.009 min
Response: 1610407
Conc: 10.30 ug/ml



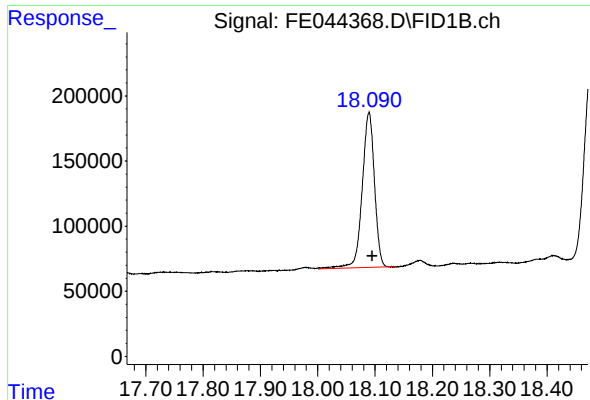
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.007 min
Response: 1713842
Conc: 11.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.007 min
Response: 1715924
Conc: 11.89 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.005 min
Response: 1766889
Conc: 12.16 ug/ml

Instrument :

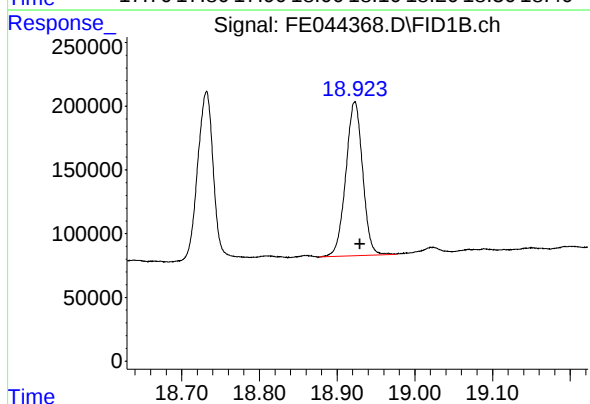
FID_E

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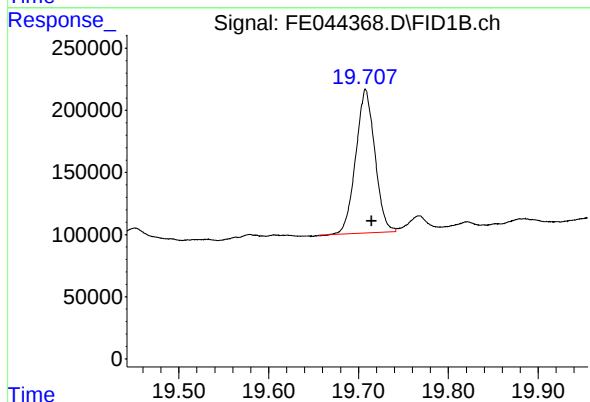
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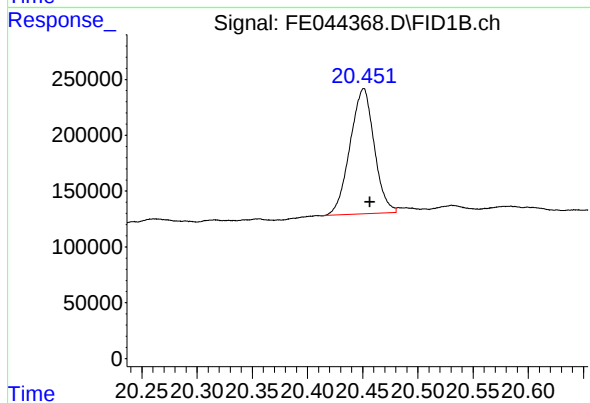
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.006 min
Response: 1821836
Conc: 12.79 ug/ml m



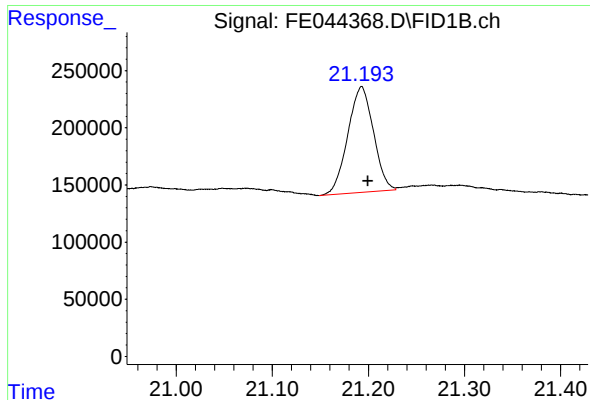
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.007 min
Response: 1712831
Conc: 12.24 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.005 min
Response: 1705585
Conc: 12.44 ug/ml m



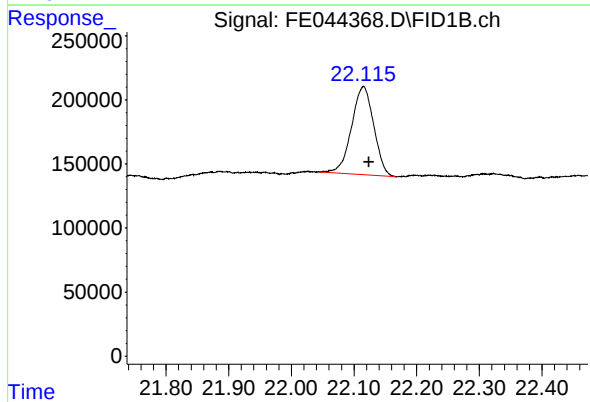
#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.007 min
Response: 1715536
Conc: 12.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.009 min
Response: 1693091
Conc: 12.25 ug/ml m