

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
 Data File : FE044617.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2023 16:03
 Operator : YP\AJ
 Sample : PB156139BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156139BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e

Quant Time: Oct 05 23:56:31 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 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)	11.927	8668170	46.172 ug/ml
Spiked Amount 50.000		Recovery =	92.34%
12) S 1-chlorooctadecane (S...	13.368	6836931	50.255 ug/ml
Spiked Amount 50.000		Recovery =	100.51%
Target Compounds			
1) T n-Nonane (C9)	3.318	7244008	44.619 ug/ml
2) T n-Decane (C10)	4.564	7893149	47.667 ug/ml
3) T A~Naphthalene (C11.7)	6.261	8508865	47.592 ug/ml
4) T n-Dodecane (C12)	6.724	8391993	50.453 ug/ml
5) T A~2-methylnaphthalene...	7.357	8398920	49.091 ug/ml
6) T n-Tetradecane (C14)	8.554	8434232	51.376 ug/ml
7) T n-Hexadecane (C16)	10.163	8525370	50.325 ug/ml
8) T n-Octadecane (C18)	11.611	8507889	50.109 ug/ml
10) T n-Eicosane (C20)	12.924	8463715	52.606 ug/ml
11) T n-Heneicosane (C21)	13.537	8073561	51.560 ug/ml
13) T n-Docosane (C22)	14.125	7936657	51.459 ug/ml
14) T n-Tetracosane (C24)	15.214	15030455	99.430 ug/mlm
15) T n-Hexacosane (C26)	16.259	7440173	50.581 ug/ml
16) T n-Octacosane (C28)	17.208	7444119	51.903 ug/ml
17) T n-Tricontane (C30)	18.101	7374126	49.747 ug/ml
18) T n-Dotriacontane (C32)	18.934	7280625	49.181 ug/ml
19) T n-Tetratriacontane (C34)	19.720	7315145	50.055 ug/ml
20) T n-Hexatriacontane (C36)	20.464	7184319	49.529 ug/ml
21) T n-Octatriacontane (C38)	21.212	7492687	50.022 ug/ml
22) T n-Tetracontane (C40)	22.145	7872107	49.883 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB156139BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

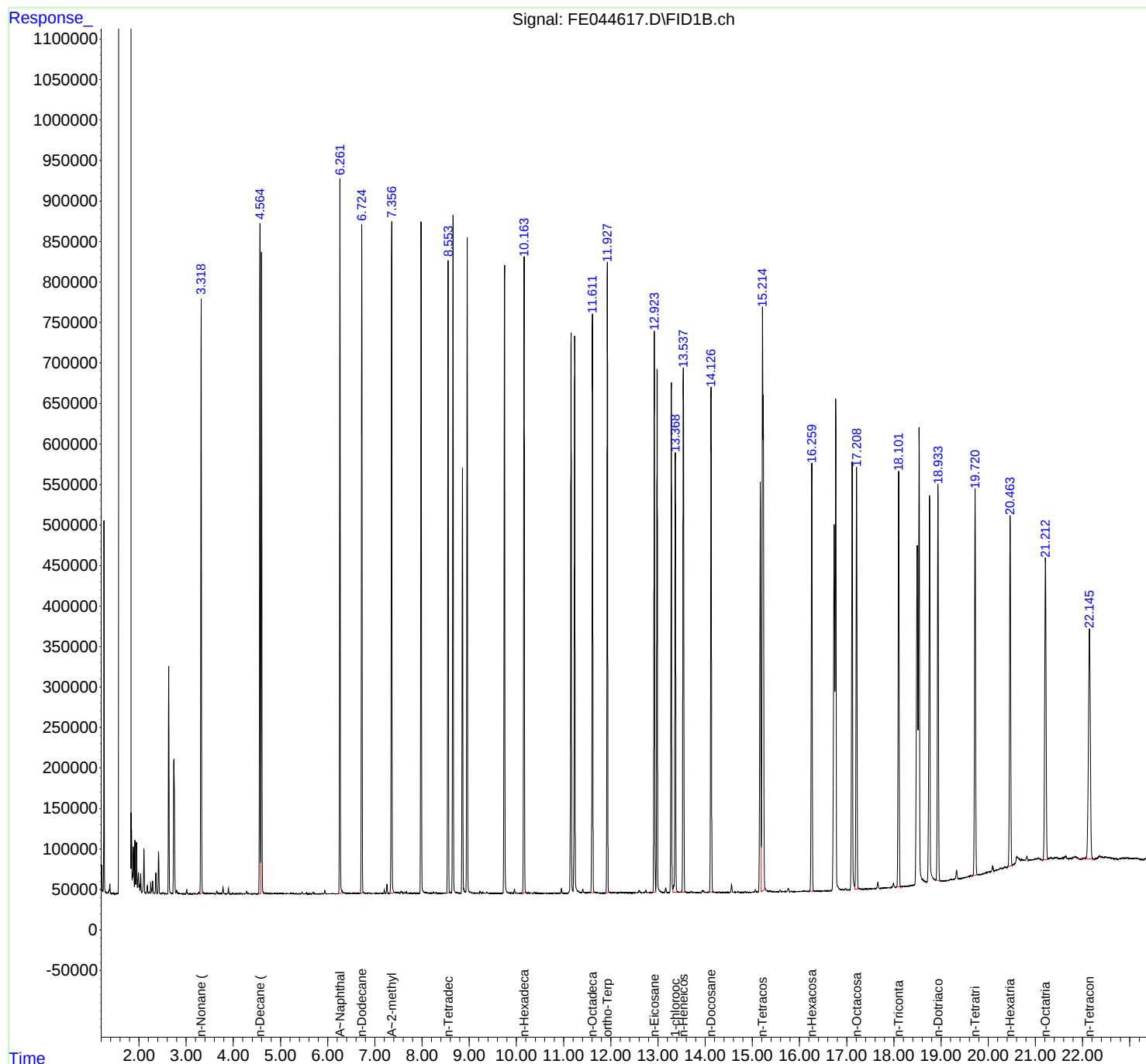
Instrument :
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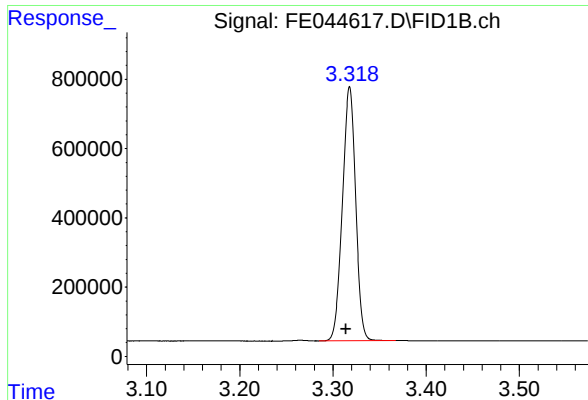
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Quant Title : GC Extractables
QLast Update : Mon Sep 25 11:06:21 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.004 min
Response: 7244008
Conc: 44.62 ug/ml

Instrument :

FID_E

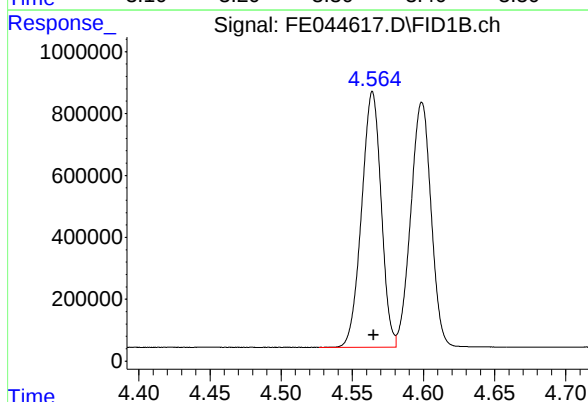
ClientSampleId :

PB156139BSD

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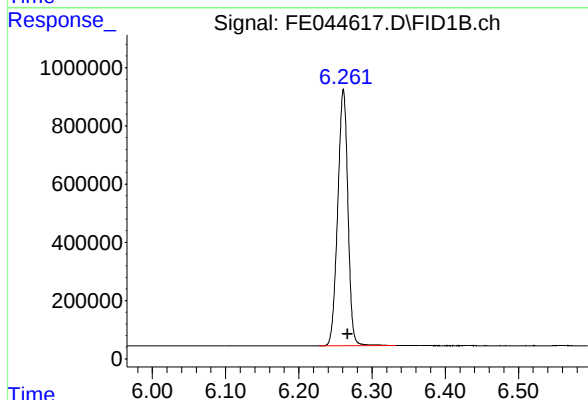
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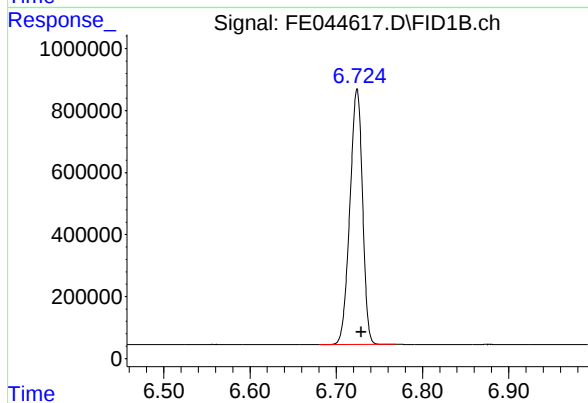
#2 n-Decane (C10)

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 7893149
Conc: 47.67 ug/ml



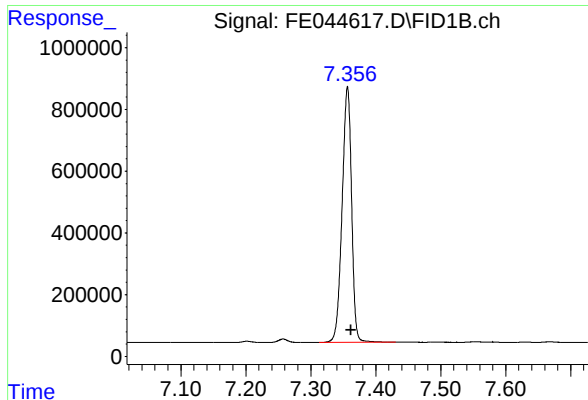
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 8508865
Conc: 47.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 8391993
Conc: 50.45 ug/ml



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

R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 8398920
Conc: 49.09 ug/ml

Instrument :

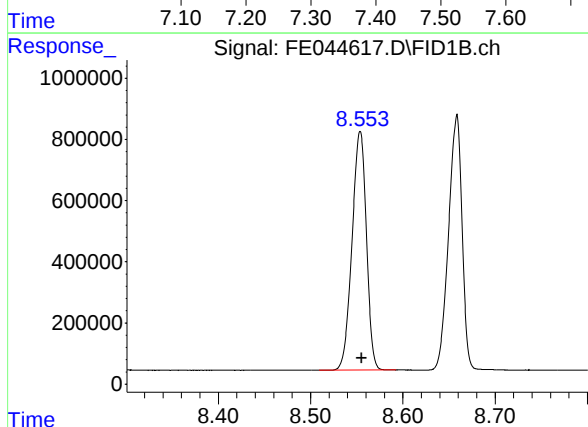
FID_E

ClientSampleId :

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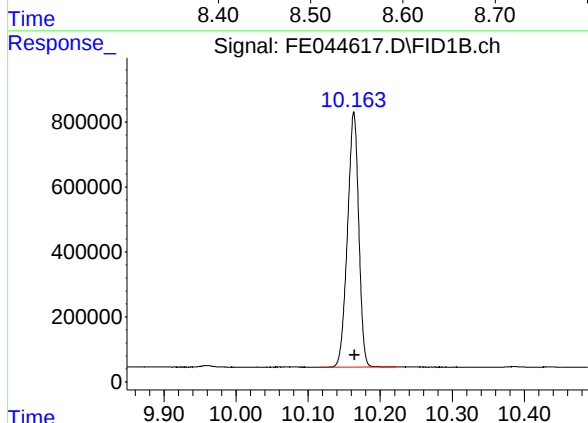
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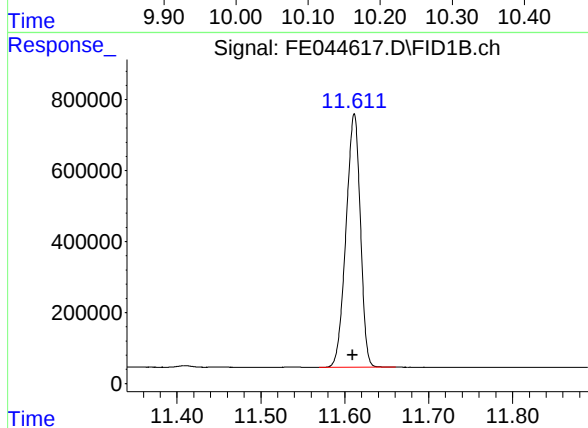
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.001 min
Response: 8434232
Conc: 51.38 ug/ml



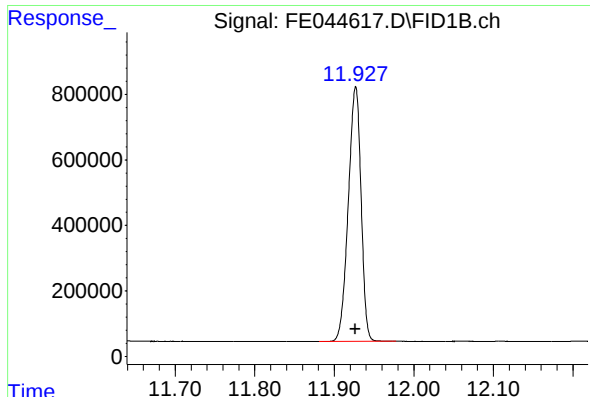
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.001 min
Response: 8525370
Conc: 50.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: 0.002 min
Response: 8507889
Conc: 50.11 ug/ml



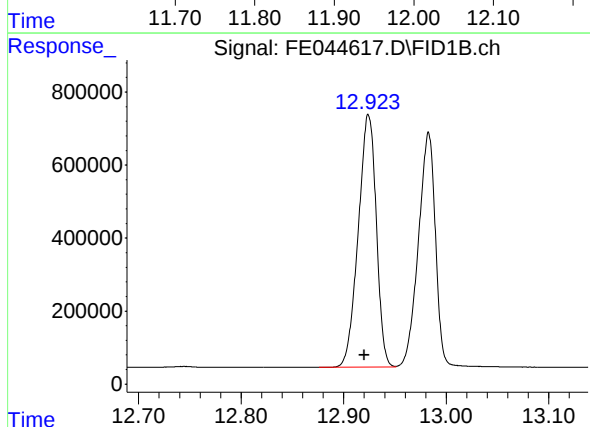
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: 0.000 min
Response: 8668170
Conc: 46.17 ug/ml

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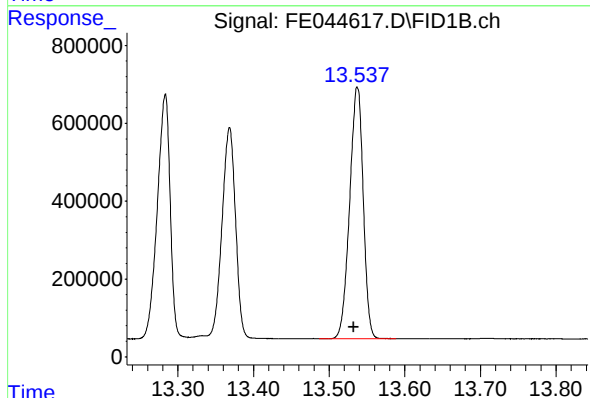
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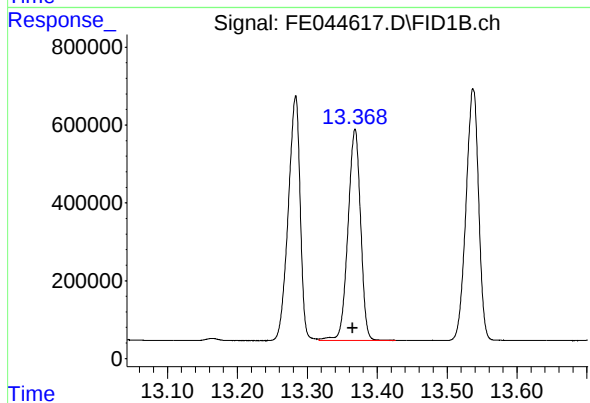
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 8463715
Conc: 52.61 ug/ml



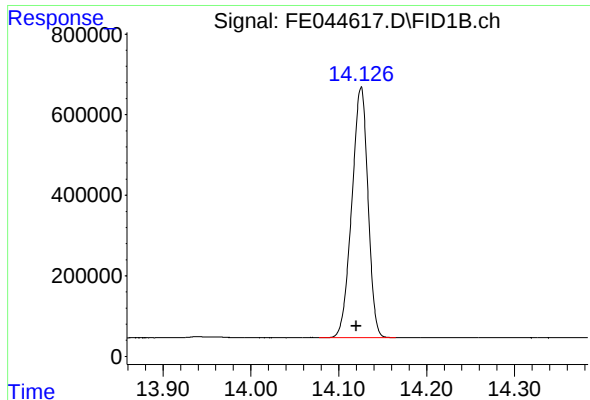
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.005 min
Response: 8073561
Conc: 51.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.003 min
Response: 6836931
Conc: 50.26 ug/ml



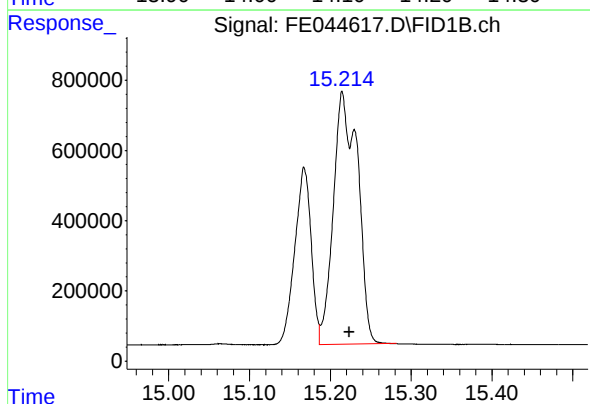
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.006 min
Response: 7936657
Conc: 51.46 ug/ml

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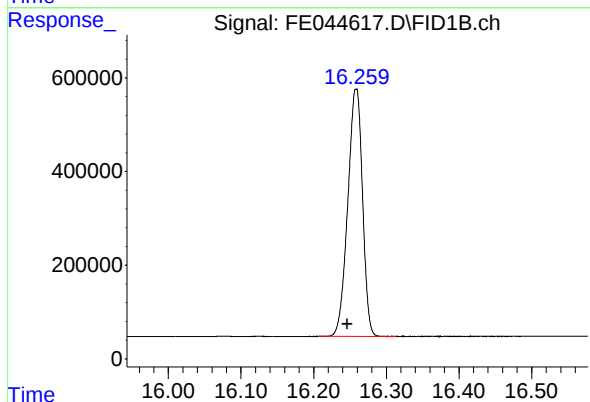
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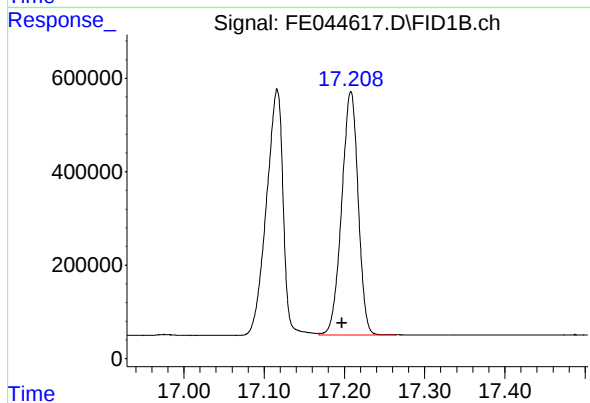
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.009 min
Response: 15030455
Conc: 99.43 ug/ml



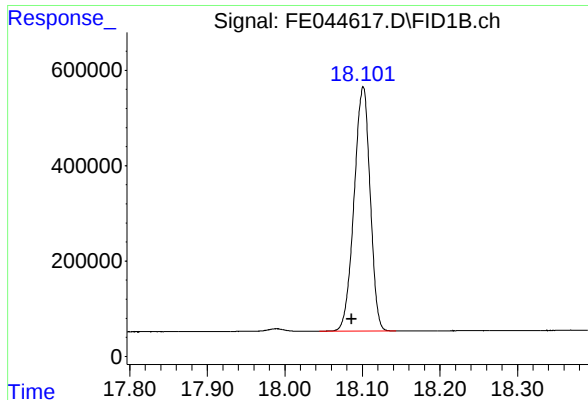
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.012 min
Response: 7440173
Conc: 50.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.011 min
Response: 7444119
Conc: 51.90 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.015 min
Response: 7374126
Conc: 49.75 ug/ml

Instrument :

FID_E

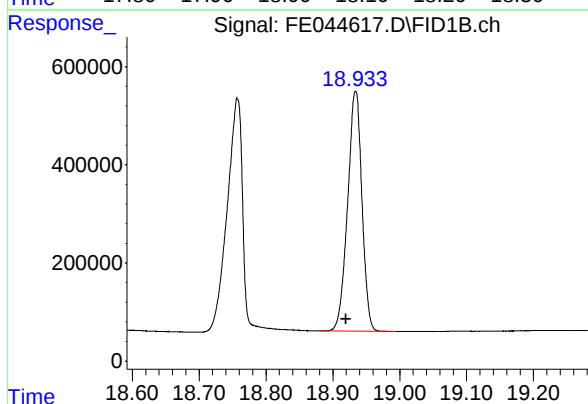
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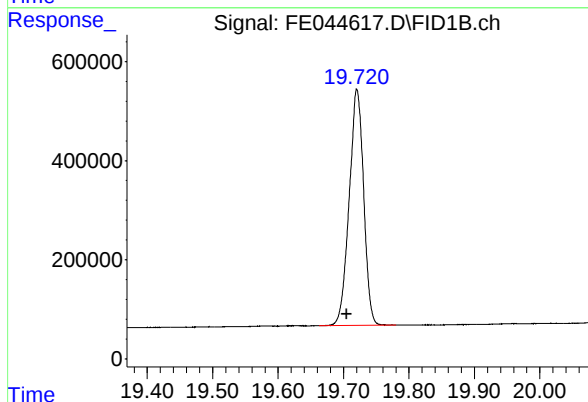
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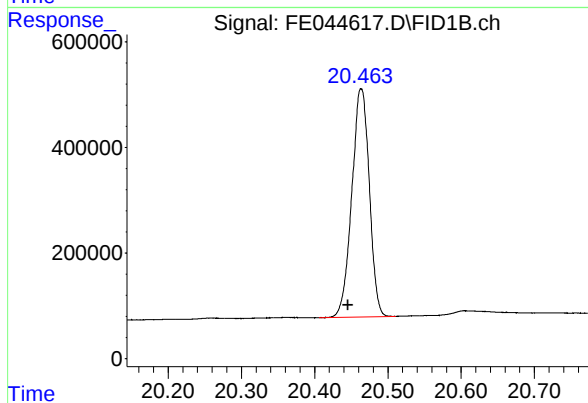
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.014 min
Response: 7280625
Conc: 49.18 ug/ml



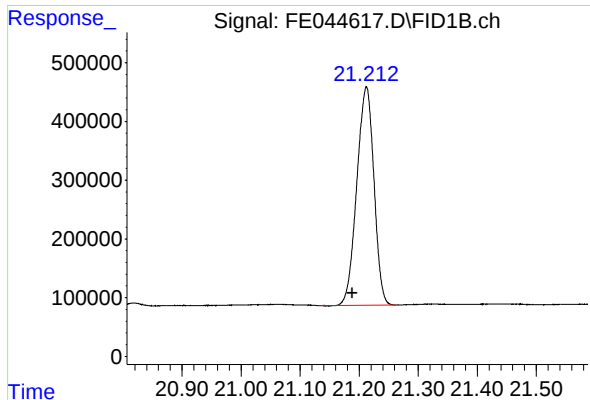
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.016 min
Response: 7315145
Conc: 50.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.018 min
Response: 7184319
Conc: 49.53 ug/ml



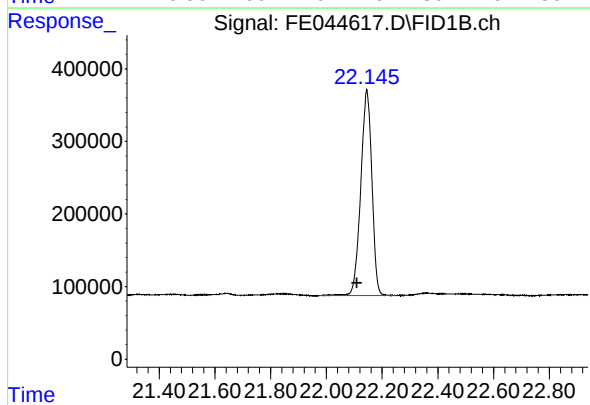
#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.024 min
Response: 7492687
Conc: 50.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.036 min
Response: 7872107
Conc: 49.88 ug/ml