

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090524AL\
 Data File : FE049934.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2024 14:04
 Operator : YP\AJ
 Sample : PB163166BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163166BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2024
 Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e
 Quant Time: Sep 06 01:31:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.879	6467710	39.995 ug/mlm
Spiked Amount 50.000		Recovery =	79.99%
12) S 1-chlorooctadecane (S...	13.312	5330255	43.688 ug/ml
Spiked Amount 50.000		Recovery =	87.38%
Target Compounds			
1) T n-Nonane (C9)	3.279	6895872	44.560 ug/ml
2) T n-Decane (C10)	4.524	7315291	46.331 ug/ml
3) T A~Naphthalene (C11.7)	6.227	7536371	46.969 ug/ml
4) T n-Dodecane (C12)	6.687	7546694	48.004 ug/ml
5) T A~2-methylnaphthalene...	7.322	7223935	48.239 ug/ml
6) T n-Tetradecane (C14)	8.514	7543815	48.865 ug/ml
7) T n-Hexadecane (C16)	10.119	7412095	47.458 ug/ml
8) T n-Octadecane (C18)	11.561	7483840	47.652 ug/ml
10) T n-Eicosane (C20)	12.869	7451272	49.906 ug/ml
11) T n-Heneicosane (C21)	13.479	7229141	49.279 ug/ml
13) T n-Docosane (C22)	14.065	7112433	48.798 ug/ml
14) T n-Tetracosane (C24)	15.162	13513327	92.897 ug/ml
15) T n-Hexacosane (C26)	16.187	6974232	48.323 ug/ml
16) T n-Octacosane (C28)	17.134	7824743	54.324 ug/ml
17) T n-Tricontane (C30)	18.021	7193053	48.049 ug/ml
18) T n-Dotriacontane (C32)	18.852	7420676	49.052 ug/mlm
19) T n-Tetratriacontane (C34)	19.635	7643674	49.998 ug/ml
20) T n-Hexatriacontane (C36)	20.377	7657298	50.426 ug/mlm
21) T n-Octatriacontane (C38)	21.101	7918497	50.451 ug/ml
22) T n-Tetracontane (C40)	21.994	7667041	50.217 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163166BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

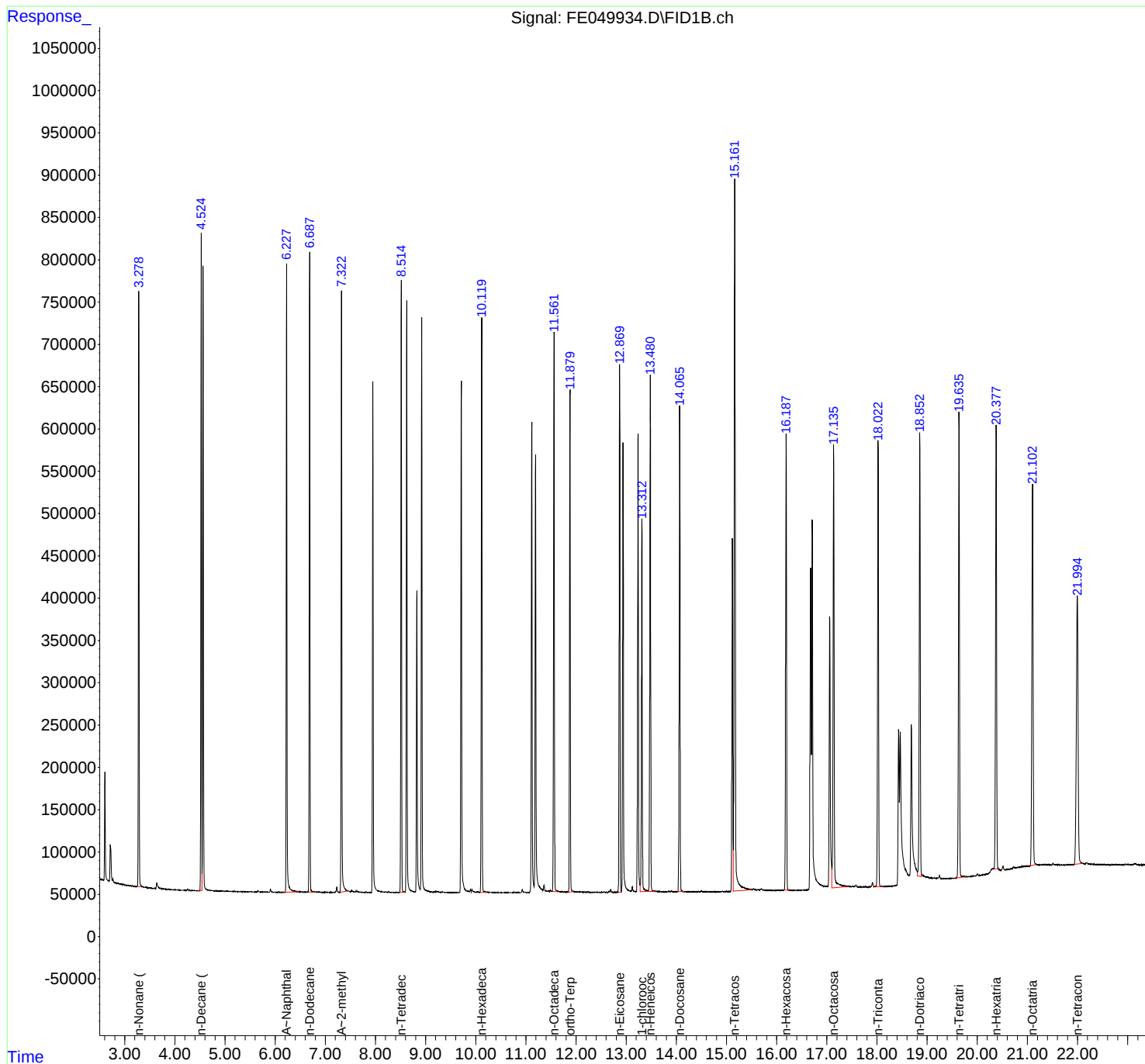
Instrument :
FID_E
ClientSampleId :
PB163166BSD

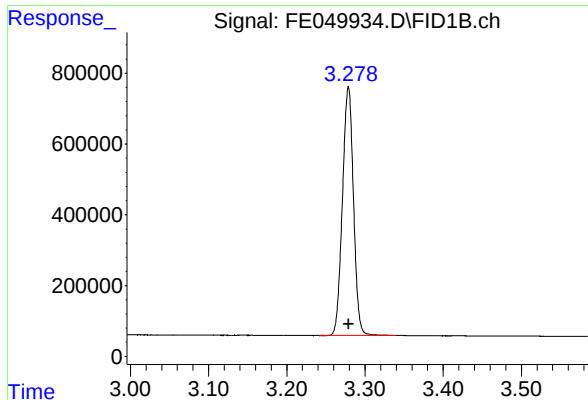
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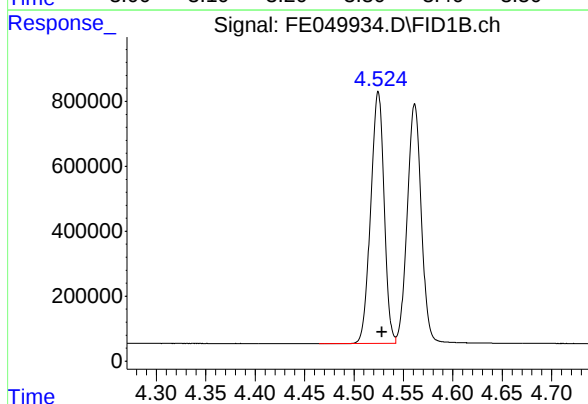
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 6895872
Conc: 44.56 ug/ml

Instrument :
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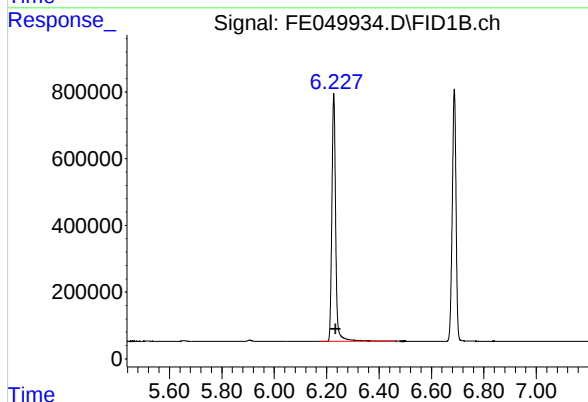
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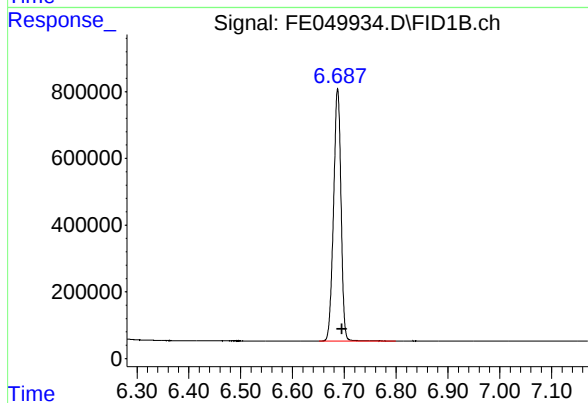
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 7315291
Conc: 46.33 ug/ml



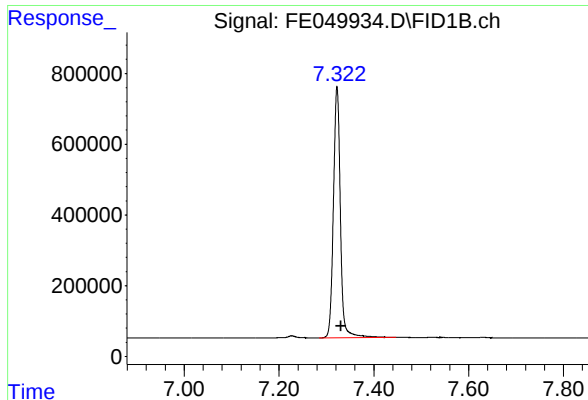
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.008 min
Response: 7536371
Conc: 46.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.009 min
Response: 7546694
Conc: 48.00 ug/ml



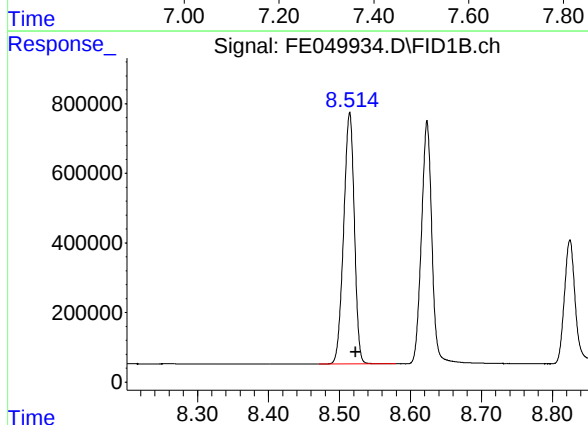
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.008 min
Response: 7223935
Conc: 48.24 ug/ml

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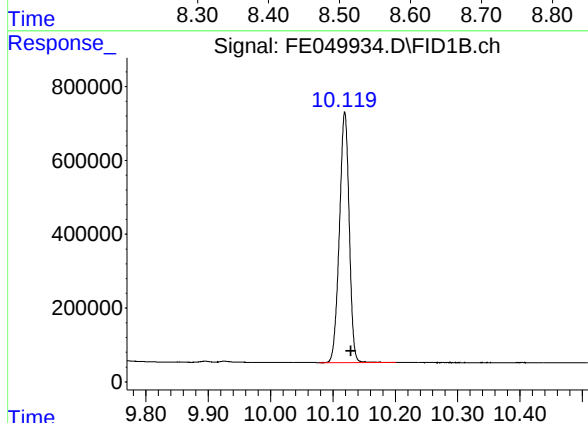
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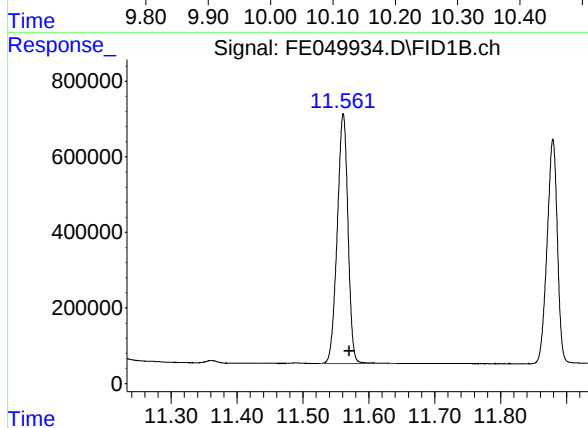
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.008 min
Response: 7543815
Conc: 48.87 ug/ml



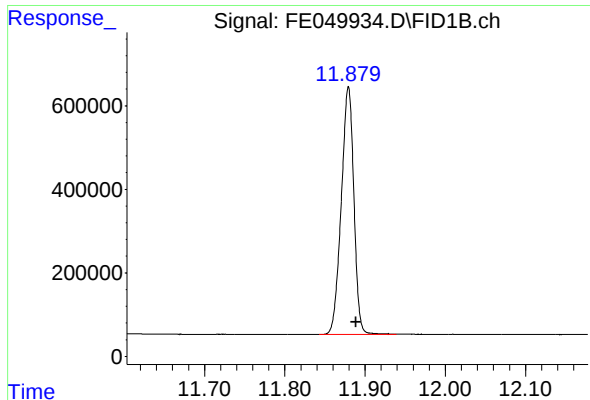
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.010 min
Response: 7412095
Conc: 47.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.010 min
Response: 7483840
Conc: 47.65 ug/ml



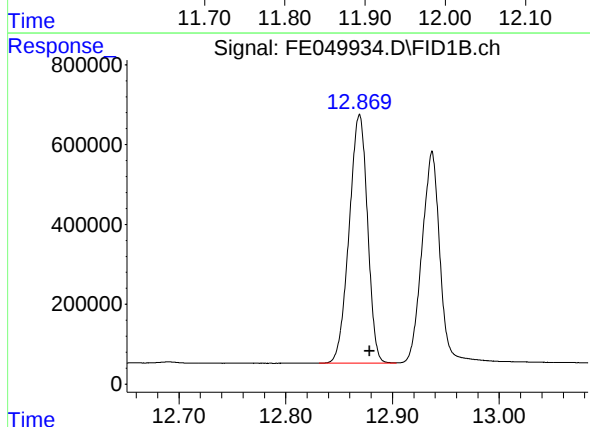
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: -0.009 min
Response: 6467710
Conc: 40.00 ug/ml

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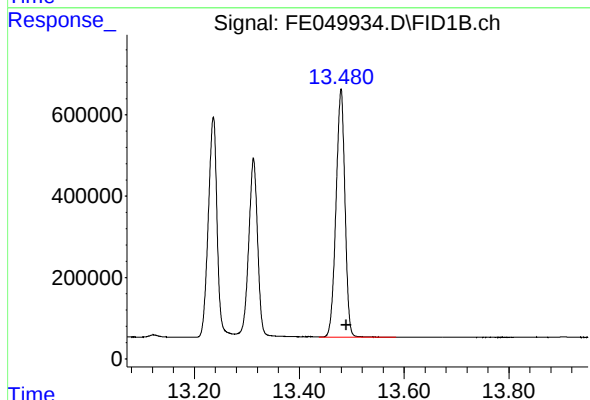
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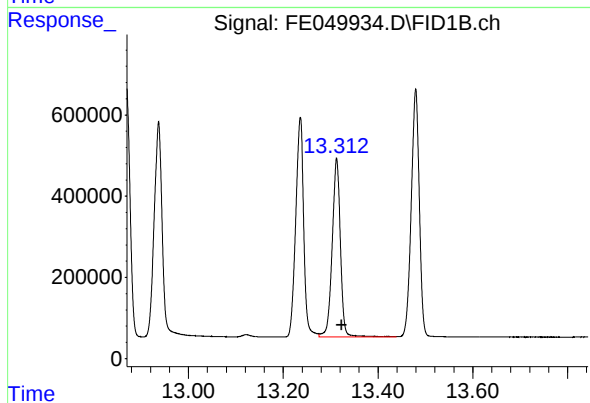
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.010 min
Response: 7451272
Conc: 49.91 ug/ml



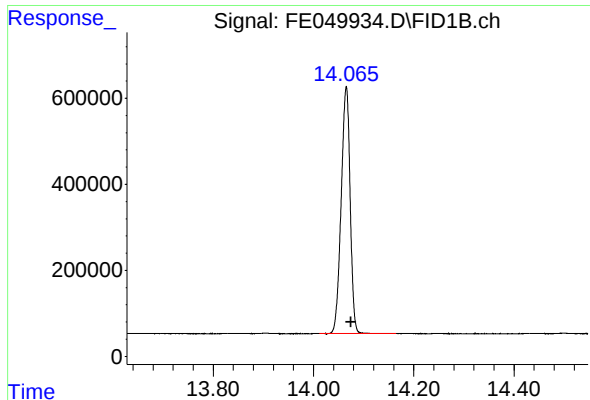
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.011 min
Response: 7229141
Conc: 49.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: -0.011 min
Response: 5330255
Conc: 43.69 ug/ml



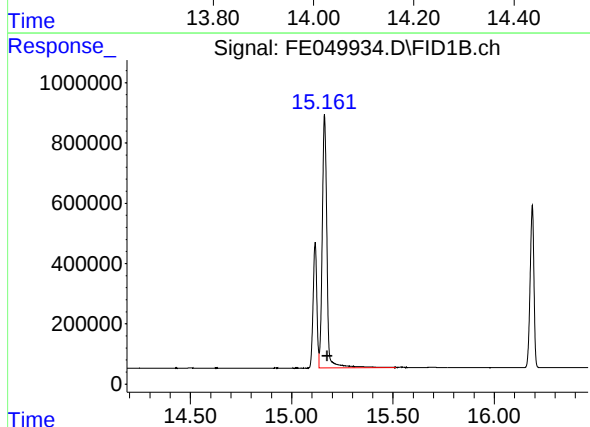
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.011 min
Response: 7112433
Conc: 48.80 ug/ml

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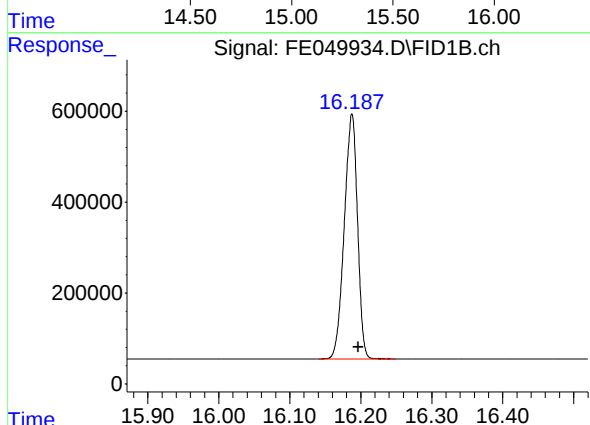
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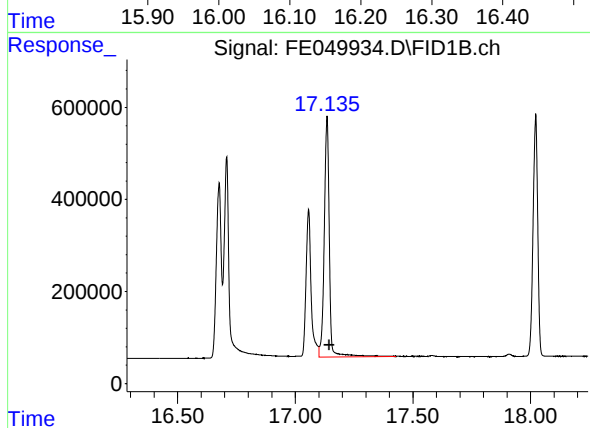
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.015 min
Response: 13513327
Conc: 92.90 ug/ml



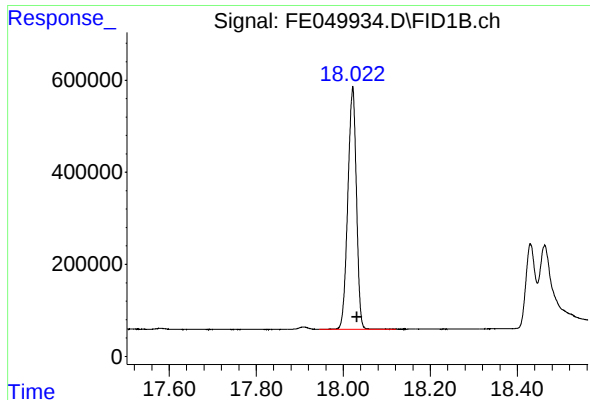
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 6974232
Conc: 48.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.011 min
Response: 7824743
Conc: 54.32 ug/ml



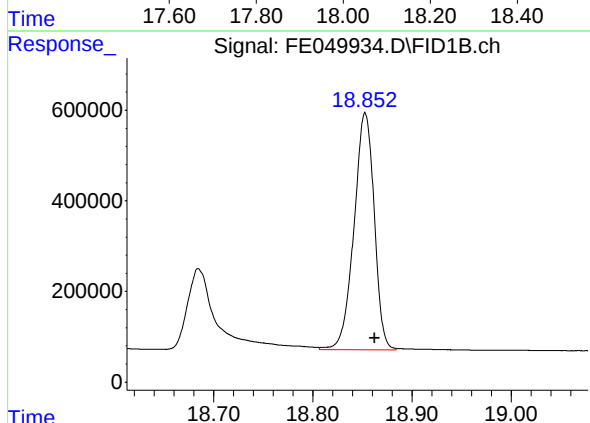
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.010 min
Response: 7193053
Conc: 48.05 ug/ml

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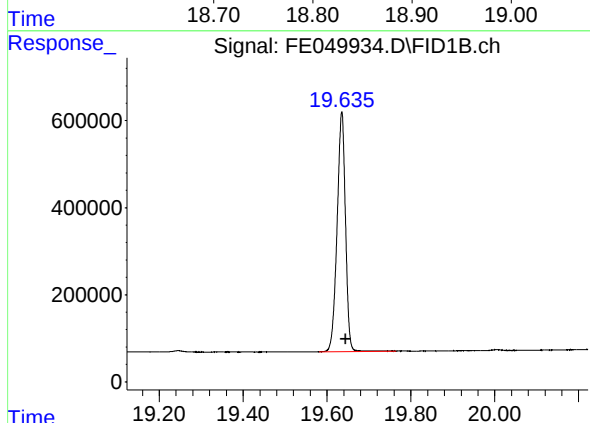
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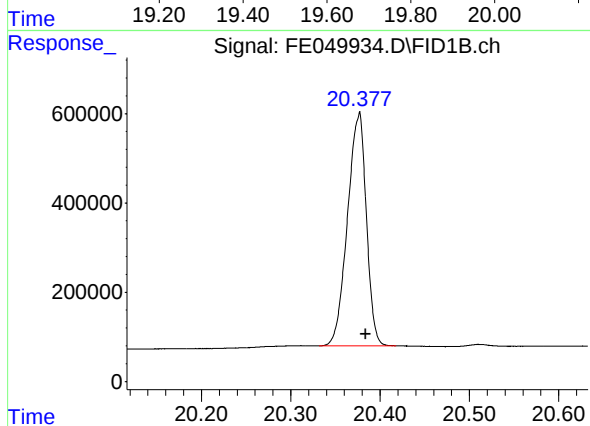
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.010 min
Response: 7420676
Conc: 49.05 ug/ml m



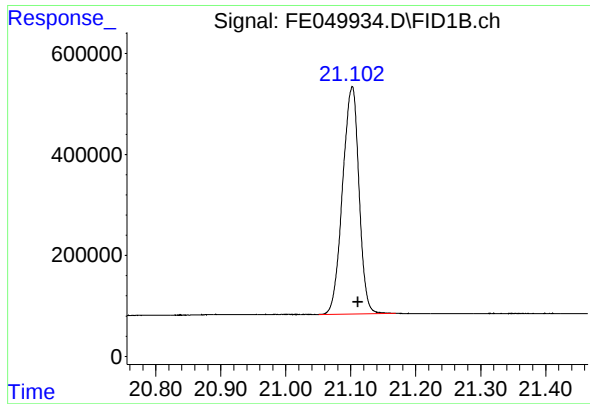
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.010 min
Response: 7643674
Conc: 50.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.007 min
Response: 7657298
Conc: 50.43 ug/ml m



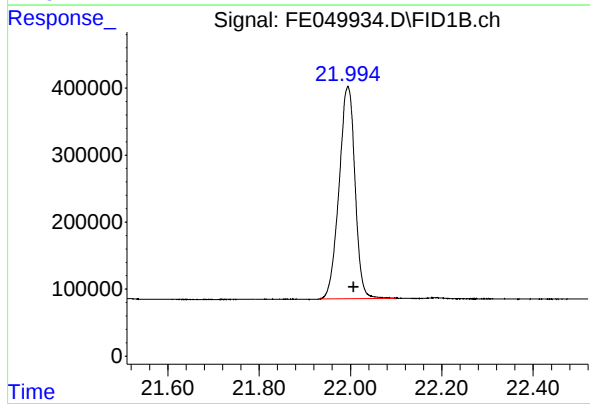
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.010 min
Response: 7918497
Conc: 50.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.013 min
Response: 7667041
Conc: 50.22 ug/ml