

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102324AL\
 Data File : FE050794.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2024 16:49
 Operator : YP\AJ
 Sample : P4487-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

BP-B5MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/24/2024

Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e

Quant Time: Oct 24 02:30:53 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.860	4070086	25.816 ug/ml
Spiked Amount 50.000		Recovery =	51.63%
12) S 1-chlorooctadecane (S...	13.293	3453946	29.198 ug/ml
Spiked Amount 50.000		Recovery =	58.40%
Target Compounds			
1) T n-Nonane (C9)	3.250	4655618	32.951 ug/ml
2) T n-Decane (C10)	4.500	5154465	35.926 ug/ml
3) T A~Naphthalene (C11.7)	6.210	5732916	40.093 ug/ml
4) T n-Dodecane (C12)	6.667	5593858	38.864 ug/ml
5) T A~2-methylnaphthalene...	7.305	5523864	41.696 ug/ml
6) T n-Tetradecane (C14)	8.495	6178281	43.185 ug/ml
7) T n-Hexadecane (C16)	10.099	6582714	44.729 ug/ml
8) T n-Octadecane (C18)	11.541	6690826	44.794 ug/ml
10) T n-Eicosane (C20)	12.850	6728709	46.922 ug/ml
11) T n-Heneicosane (C21)	13.460	6431709	45.799 ug/ml
13) T n-Docosane (C22)	14.046	6442180	45.919 ug/ml
14) T n-Tetracosane (C24)	15.148	12823019	90.765 ug/ml
15) T n-Hexacosane (C26)	16.168	6375383	45.307 ug/ml
16) T n-Octacosane (C28)	17.117	6636589	45.353 ug/ml
17) T n-Tricontane (C30)	18.004	6676689	41.991 ug/ml
18) T n-Dotriacontane (C32)	18.836	6763575	41.721 ug/ml
19) T n-Tetratriacontane (C34)	19.619	7020645	47.795 ug/ml
20) T n-Hexatriacontane (C36)	20.358	7061831	55.687 ug/ml
21) T n-Octatriacontane (C38)	21.084	7358455	59.512 ug/ml
22) T n-Tetracontane (C40)	21.972	7159810	64.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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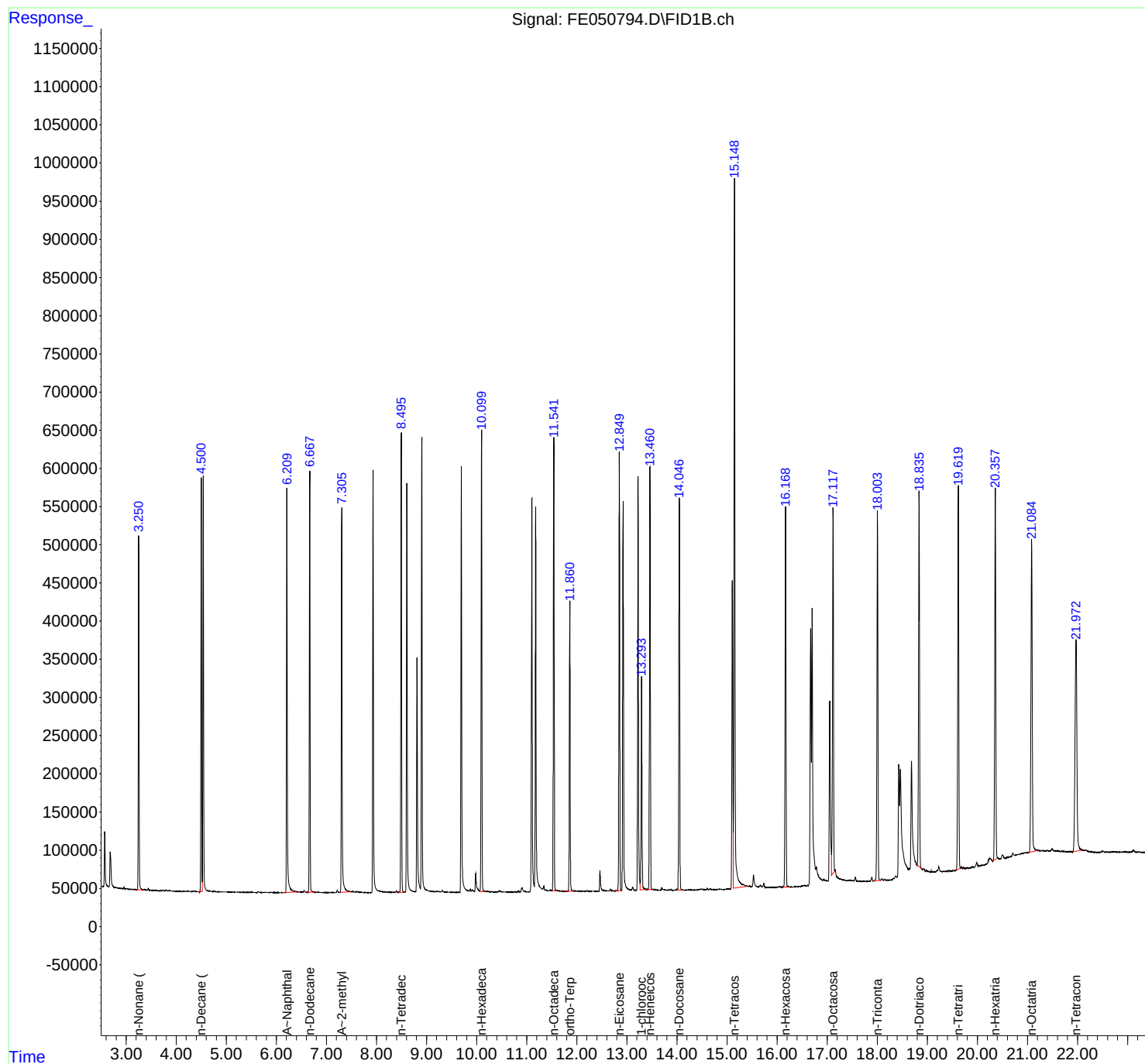
Instrument :
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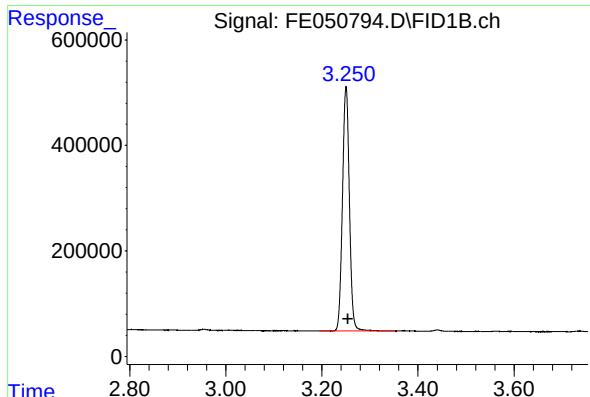
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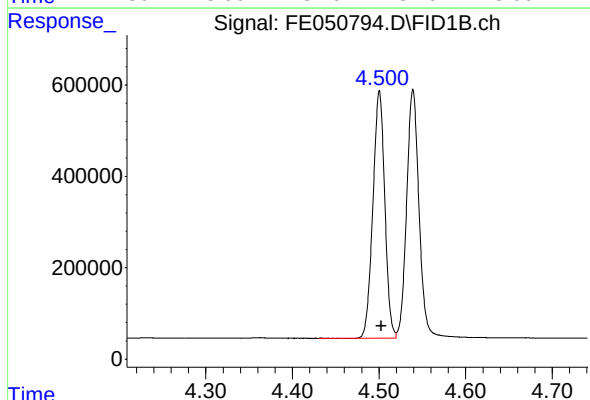
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 4655618
Conc: 32.95 ug/ml

Instrument :
FID_E
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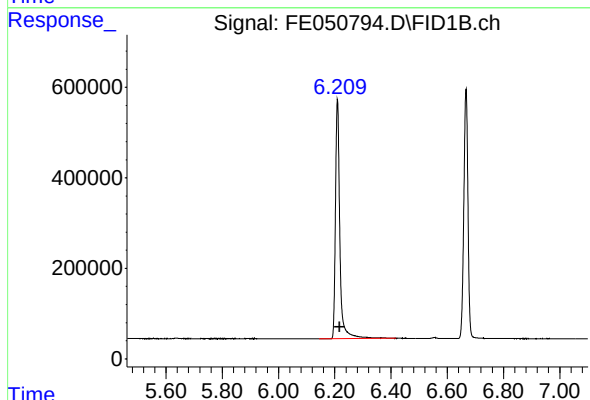
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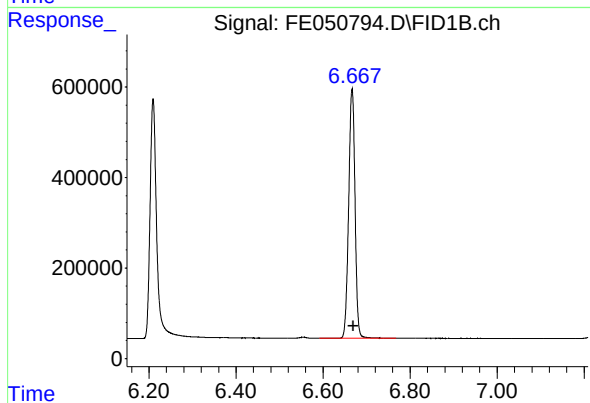
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 5154465
Conc: 35.93 ug/ml



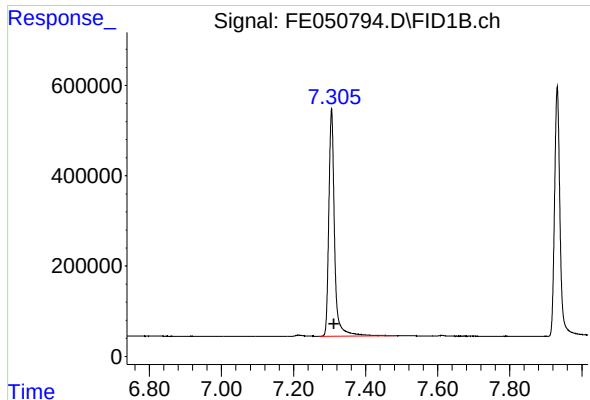
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 5732916
Conc: 40.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 5593858
Conc: 38.86 ug/ml



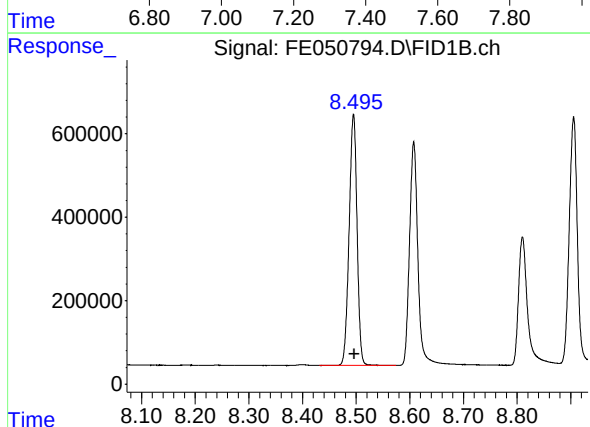
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.305 min
Delta R.T.: -0.007 min
Response: 5523864
Conc: 41.70 ug/ml

Instrument :
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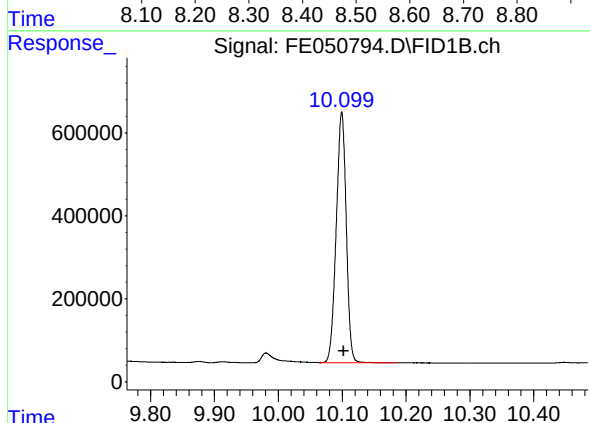
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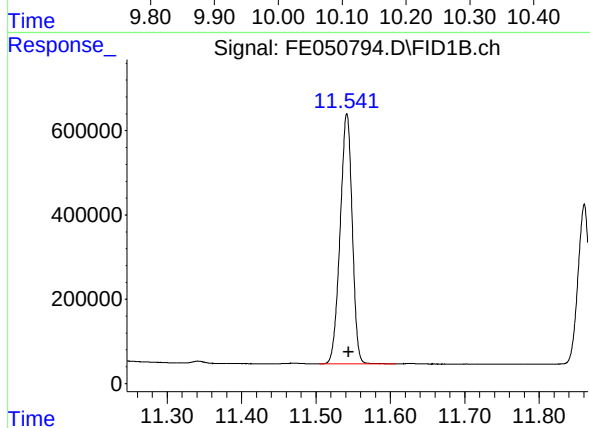
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 6178281
Conc: 43.18 ug/ml



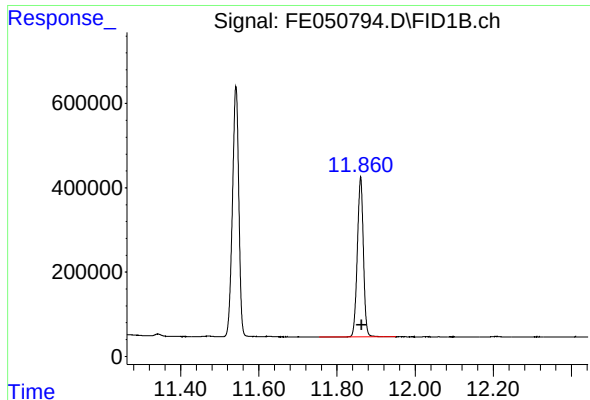
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 6582714
Conc: 44.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.002 min
Response: 6690826
Conc: 44.79 ug/ml



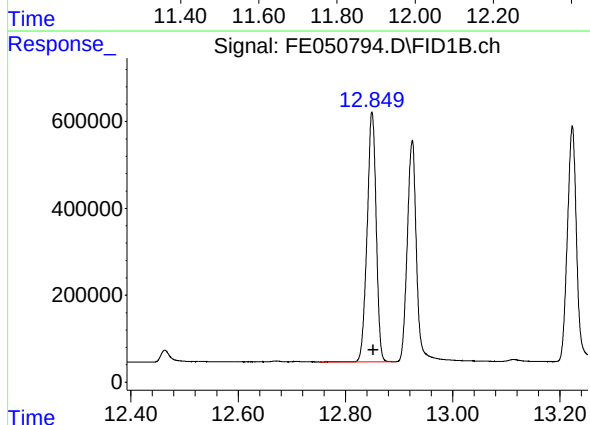
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 4070086
Conc: 25.82 ug/ml

Instrument :
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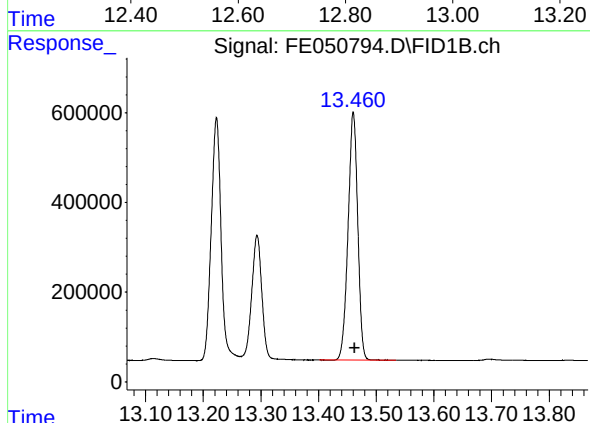
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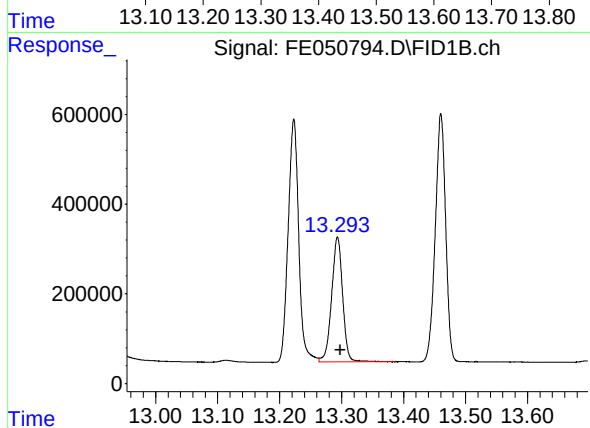
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.002 min
Response: 6728709
Conc: 46.92 ug/ml



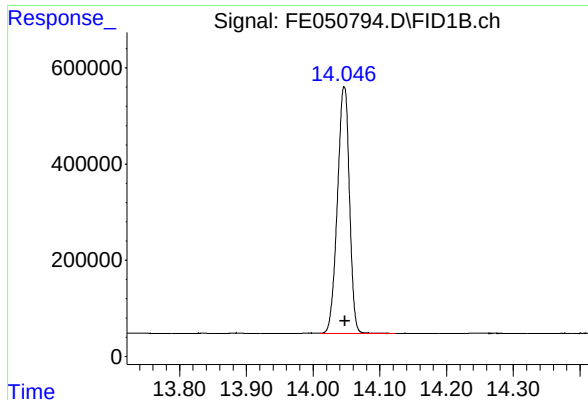
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.002 min
Response: 6431709
Conc: 45.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.004 min
Response: 3453946
Conc: 29.20 ug/ml



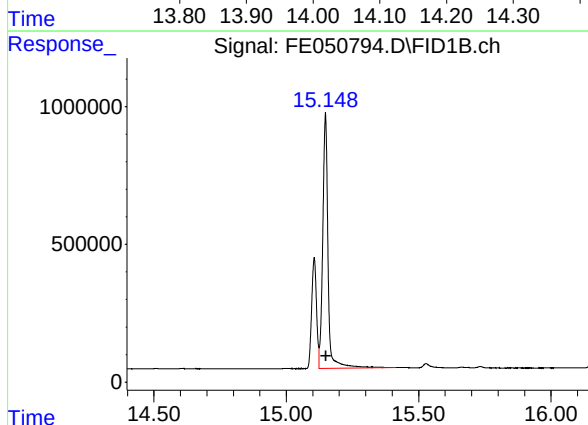
#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.001 min
Response: 6442180
Conc: 45.92 ug/ml

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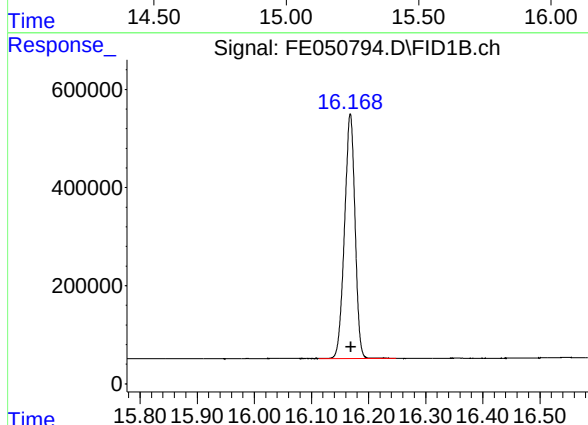
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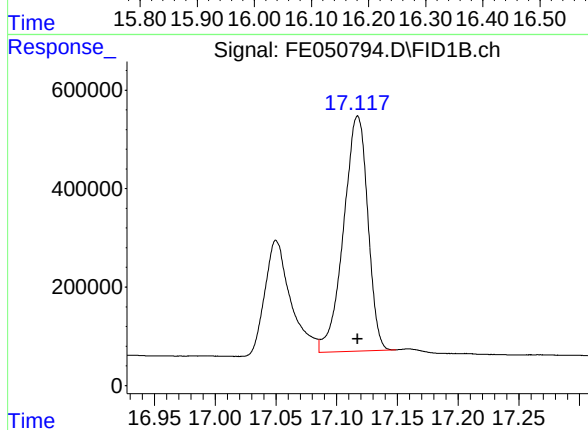
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 12823019
Conc: 90.76 ug/ml



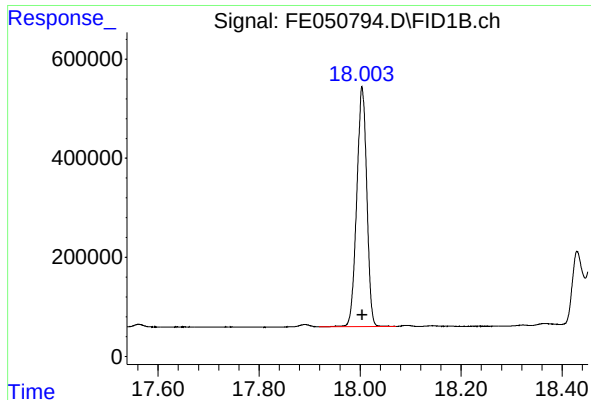
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 6375383
Conc: 45.31 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.000 min
Response: 6636589
Conc: 45.35 ug/ml



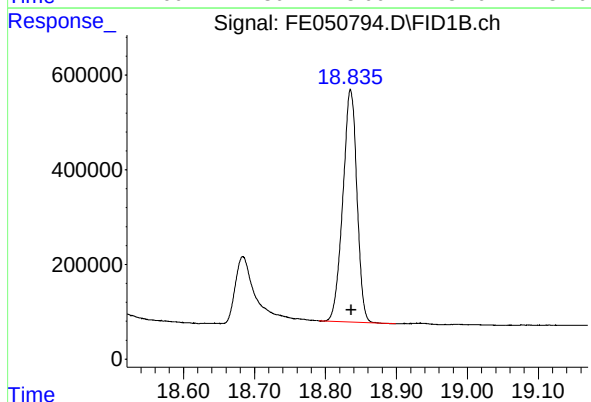
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 6676689
Conc: 41.99 ug/ml

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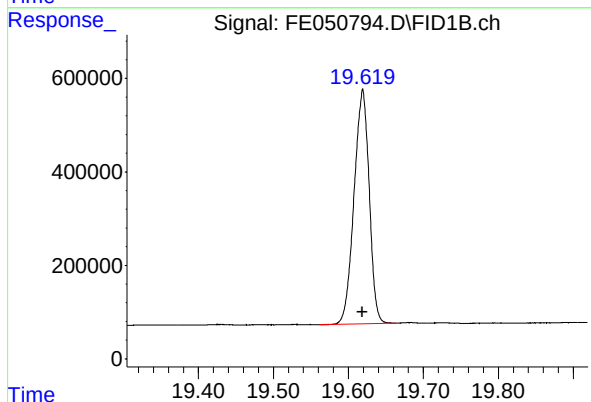
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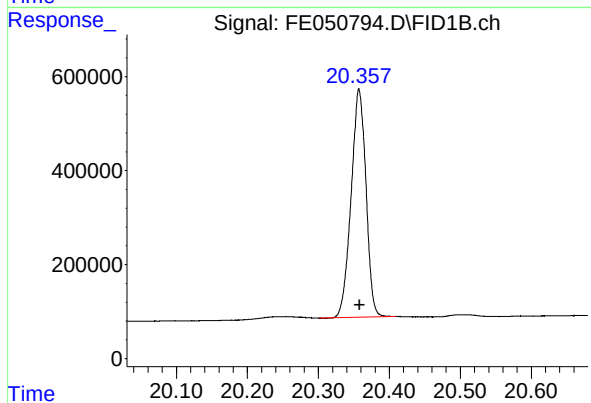
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.001 min
Response: 6763575
Conc: 41.72 ug/ml



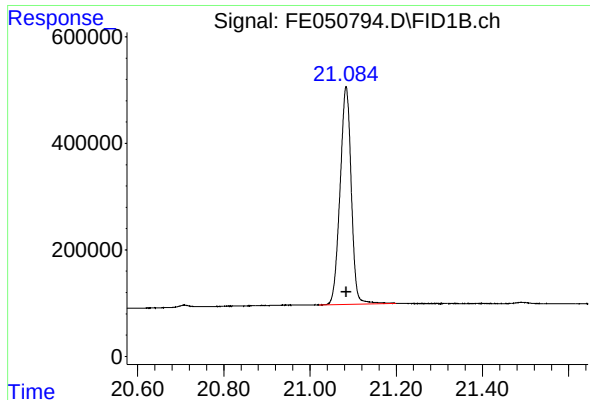
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 7020645
Conc: 47.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 7061831
Conc: 55.69 ug/ml



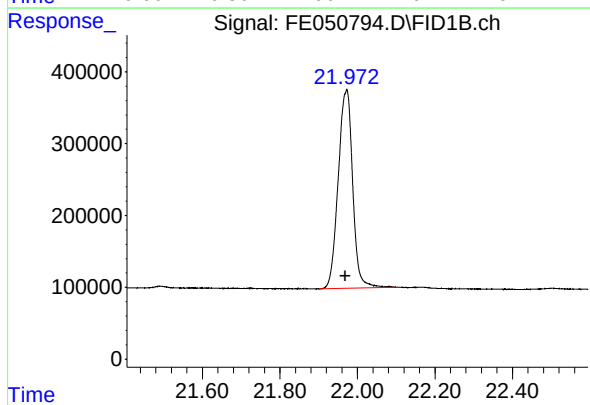
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 7358455
Conc: 59.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.003 min
Response: 7159810
Conc: 64.30 ug/ml