

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101123AL\
 Data File : FE044787.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2023 18:42
 Operator : YP\AJ
 Sample : 04830-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-2327MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :Ankita Jodhani 10/12/2023

Integration File: sample.E
 Quant Time: Oct 12 00:39:38 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)	11.919	7441575	39.638 ug/ml
Spiked Amount 50.000		Recovery =	79.28%
12) S 1-chlorooctadecane (S...	13.360	5961066	43.817 ug/ml
Spiked Amount 50.000		Recovery =	87.63%
Target Compounds			
1) T n-Nonane (C9)	3.300	4899969	30.181 ug/ml
2) T n-Decane (C10)	4.553	5569984	33.637 ug/ml
3) T A~Naphthalene (C11.7)	6.253	6325030	35.378 ug/ml
4) T n-Dodecane (C12)	6.717	6049158	36.368 ug/ml
5) T A~2-methylnaphthalene...	7.350	6371583	37.241 ug/ml
6) T n-Tetradecane (C14)	8.547	6390529	38.927 ug/ml
7) T n-Hexadecane (C16)	10.157	6981624	41.212 ug/ml
8) T n-Octadecane (C18)	11.604	7342542	43.245 ug/ml
10) T n-Eicosane (C20)	12.915	7390447	45.935 ug/ml
11) T n-Heneicosane (C21)	13.529	7086032	45.253 ug/ml
13) T n-Docosane (C22)	14.116	7099973	46.034 ug/ml
14) T n-Tetracosane (C24)	15.204	14016099	92.720 ug/mlm
15) T n-Hexacosane (C26)	16.245	6603082	44.890 ug/ml
16) T n-Octacosane (C28)	17.195	6744688	47.027 ug/ml
17) T n-Tricontane (C30)	18.087	6516312	43.960 ug/ml
18) T n-Dotriacontane (C32)	18.920	6544569	44.209 ug/ml
19) T n-Tetratriacontane (C34)	19.703	6615732	45.269 ug/mlm
20) T n-Hexatriacontane (C36)	20.446	6548826	45.148 ug/ml
21) T n-Octatriacontane (C38)	21.187	6594186	44.023 ug/mlm
22) T n-Tetracontane (C40)	22.112	8300834	52.600 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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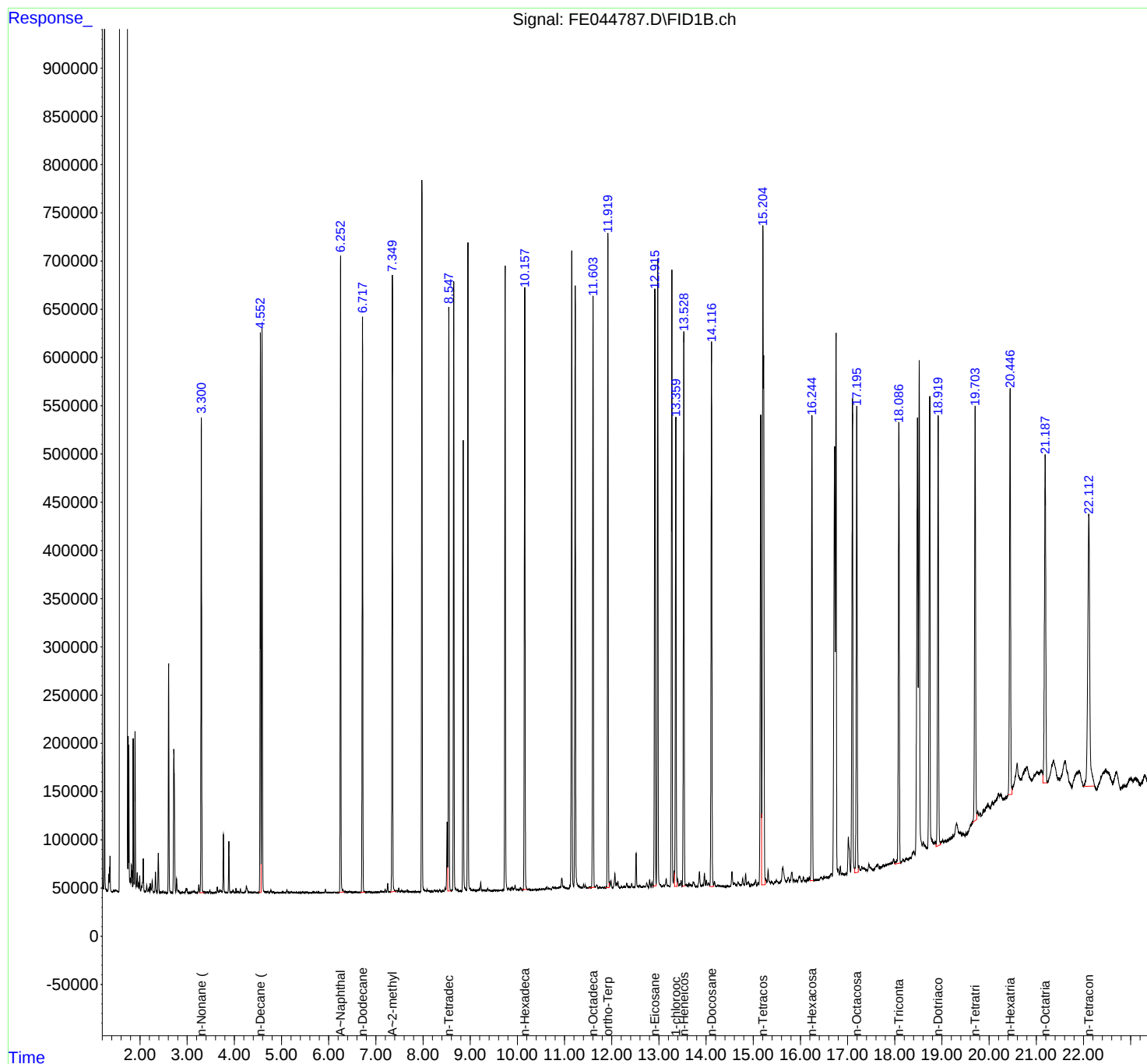
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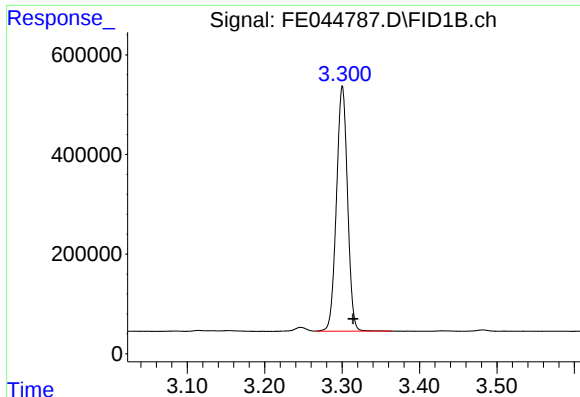
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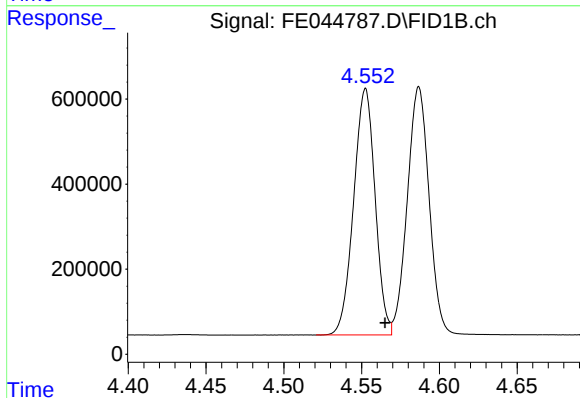
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.014 min
Response: 4899969
Conc: 30.18 ug/ml

Instrument :
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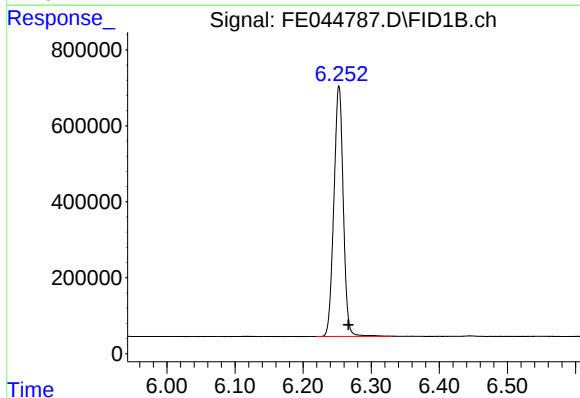
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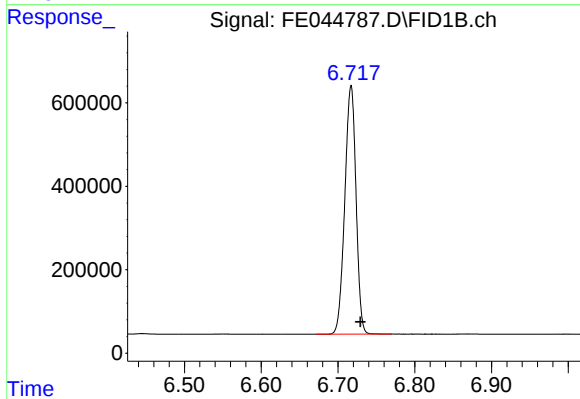
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.012 min
Response: 5569984
Conc: 33.64 ug/ml



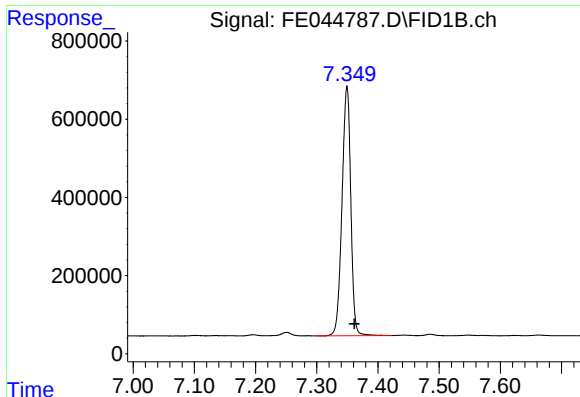
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.014 min
Response: 6325030
Conc: 35.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 6049158
Conc: 36.37 ug/ml



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

R.T.: 7.350 min
Delta R.T.: -0.012 min
Response: 6371583
Conc: 37.24 ug/ml

Instrument :

FID_E

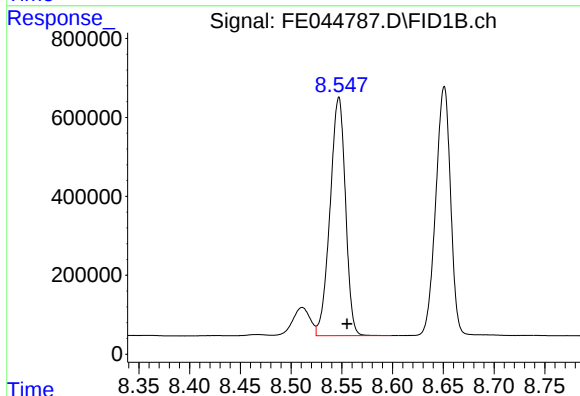
ClientSampleId :

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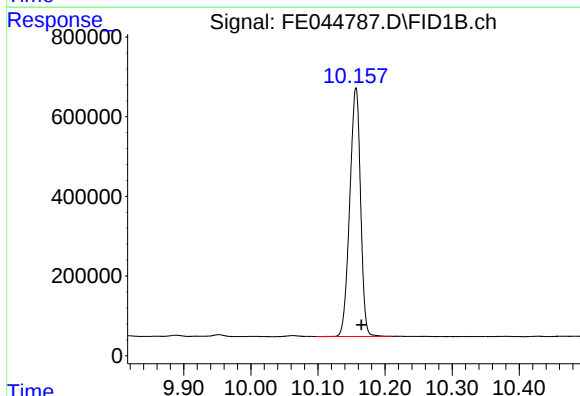
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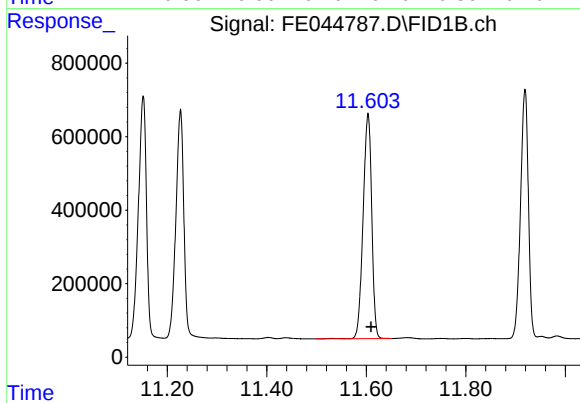
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.008 min
Response: 6390529
Conc: 38.93 ug/ml



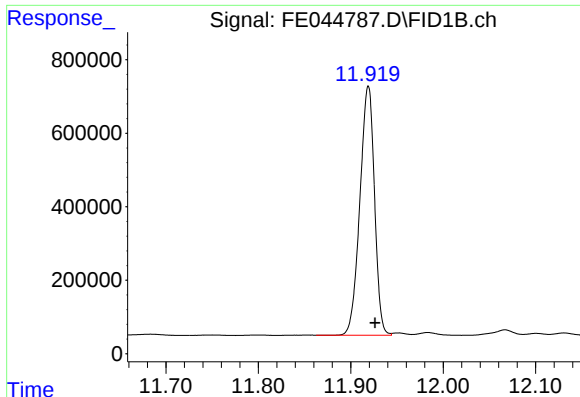
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.008 min
Response: 6981624
Conc: 41.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.006 min
Response: 7342542
Conc: 43.25 ug/ml



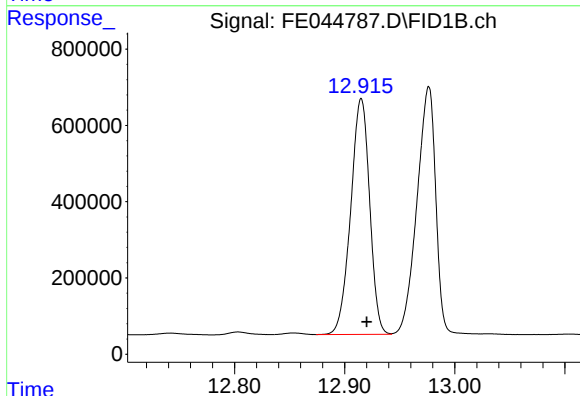
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 7441575
Conc: 39.64 ug/ml

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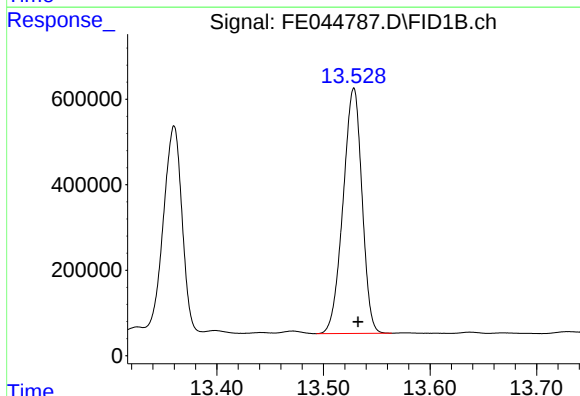
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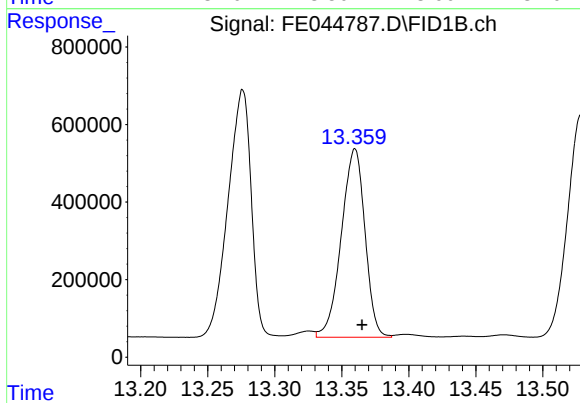
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.005 min
Response: 7390447
Conc: 45.93 ug/ml



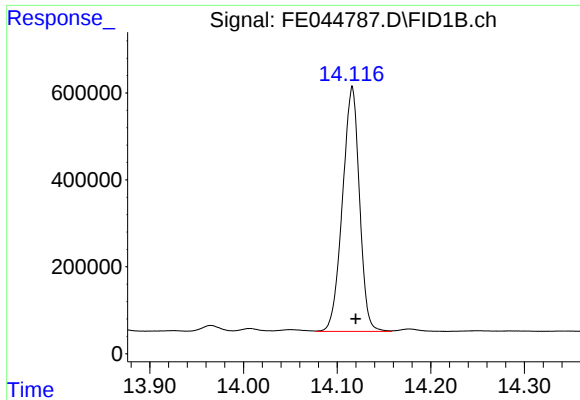
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.004 min
Response: 7086032
Conc: 45.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.005 min
Response: 5961066
Conc: 43.82 ug/ml



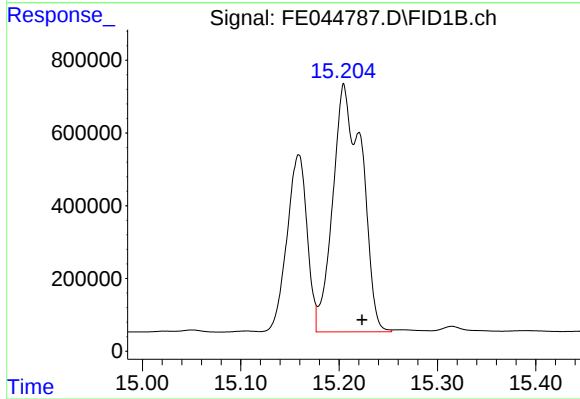
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.004 min
Response: 7099973
Conc: 46.03 ug/ml

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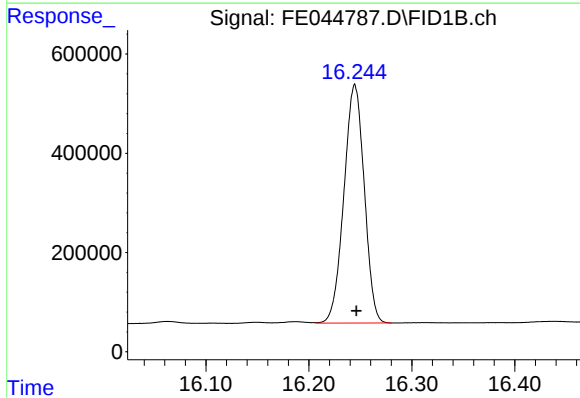
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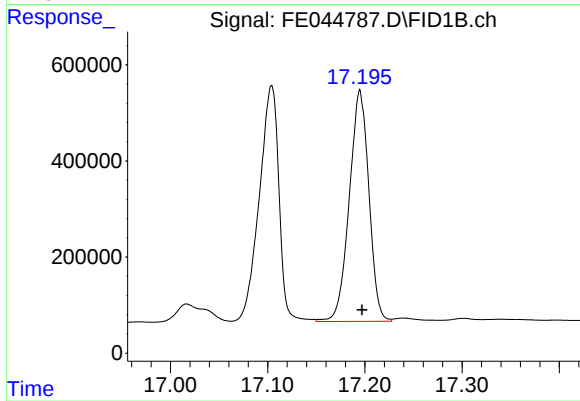
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.019 min
Response: 14016099
Conc: 92.72 ug/ml m



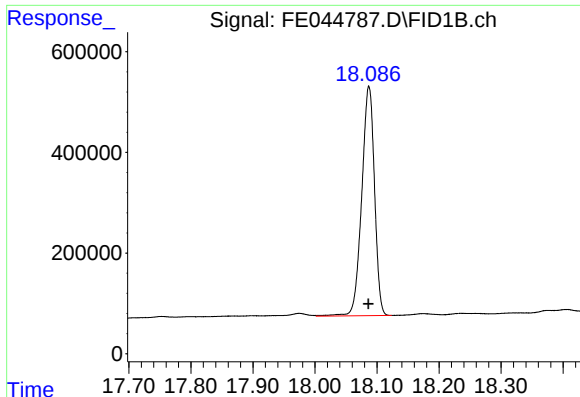
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.002 min
Response: 6603082
Conc: 44.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: -0.002 min
Response: 6744688
Conc: 47.03 ug/ml



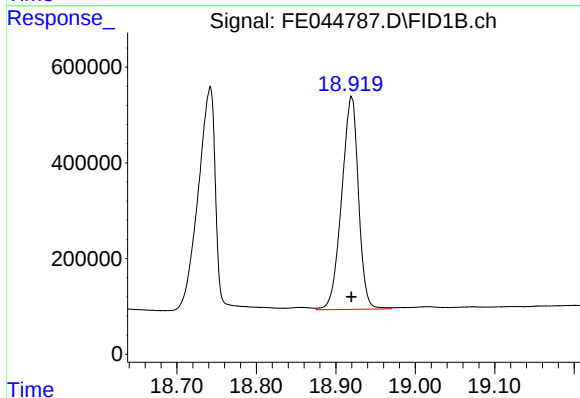
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 6516312
Conc: 43.96 ug/ml

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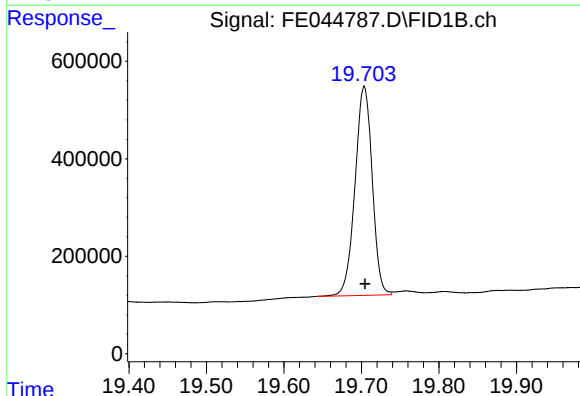
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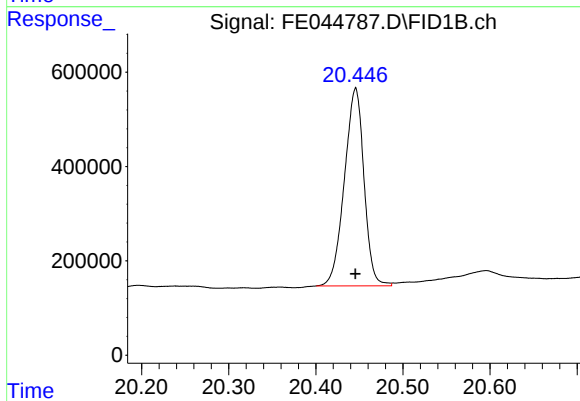
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.000 min
Response: 6544569
Conc: 44.21 ug/ml



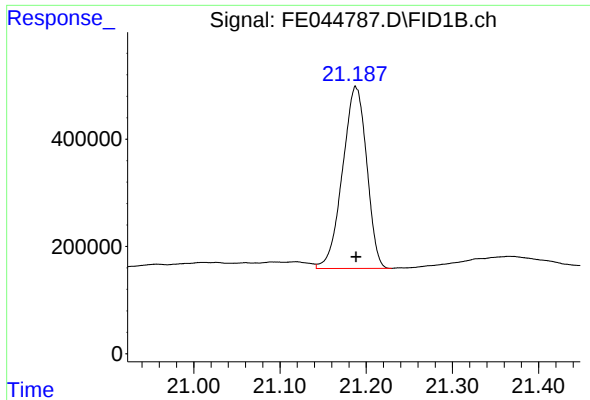
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 6615732
Conc: 45.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: 0.000 min
Response: 6548826
Conc: 45.15 ug/ml



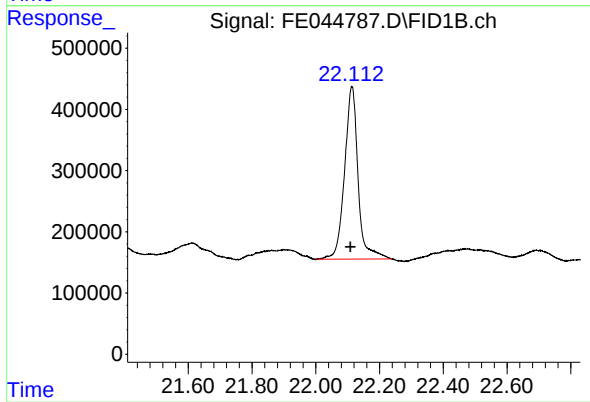
#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.001 min
Response: 6594186
Conc: 44.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.003 min
Response: 8300834
Conc: 52.60 ug/ml m