

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091223AL\
 Data File : FE044229.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2023 17:41
 Operator : YP\AJ
 Sample : 04393-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/13/2023

Supervised By :Ankita Jodhani 09/13/2023

Integration File: autoint1.e

Quant Time: Sep 12 18:26:42 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)	11.940	7462484	39.390 ug/mlm
Spiked Amount 50.000		Recovery =	78.78%
12) S 1-chlorooctadecane (S...	13.385	5433927	39.334 ug/mlm
Spiked Amount 50.000		Recovery =	78.67%
Target Compounds			
1) T n-Nonane (C9)	3.320	4517391	27.692 ug/ml
2) T n-Decane (C10)	4.572	5234587	31.493 ug/ml
3) T A~Naphthalene (C11.7)	6.271	5949149	33.222 ug/ml
4) T n-Dodecane (C12)	6.734	5950143	35.380 ug/ml
5) T A~2-methylnaphthalene...	7.366	6122742	35.715 ug/ml
6) T n-Tetradecane (C14)	8.564	6565869	39.151 ug/ml
7) T n-Hexadecane (C16)	10.172	7066023	40.883 ug/mlm
8) T n-Octadecane (C18)	11.624	7225359	41.508 ug/mlm
10) T n-Eicosane (C20)	12.941	7336553	44.354 ug/mlm
11) T n-Heneicosane (C21)	13.555	7058729	43.639 ug/mlm
13) T n-Docosane (C22)	14.141	7500340	46.947 ug/mlm
14) T n-Tetracosane (C24)	15.233	13391714	85.637 ug/mlm
15) T n-Hexacosane (C26)	16.263	6559094	43.508 ug/mlm
16) T n-Octacosane (C28)	17.209	6706321	46.471 ug/mlm
17) T n-Tricontane (C30)	18.096	6437614	44.311 ug/ml
18) T n-Dotriacontane (C32)	18.926	6244395	43.837 ug/ml
19) T n-Tetratriacontane (C34)	19.709	6405380	45.773 ug/ml
20) T n-Hexatriacontane (C36)	20.450	5934388	43.287 ug/ml
21) T n-Octatriacontane (C38)	21.195	5998034	43.209 ug/ml
22) T n-Tetracontane (C40)	22.117	6207889	44.900 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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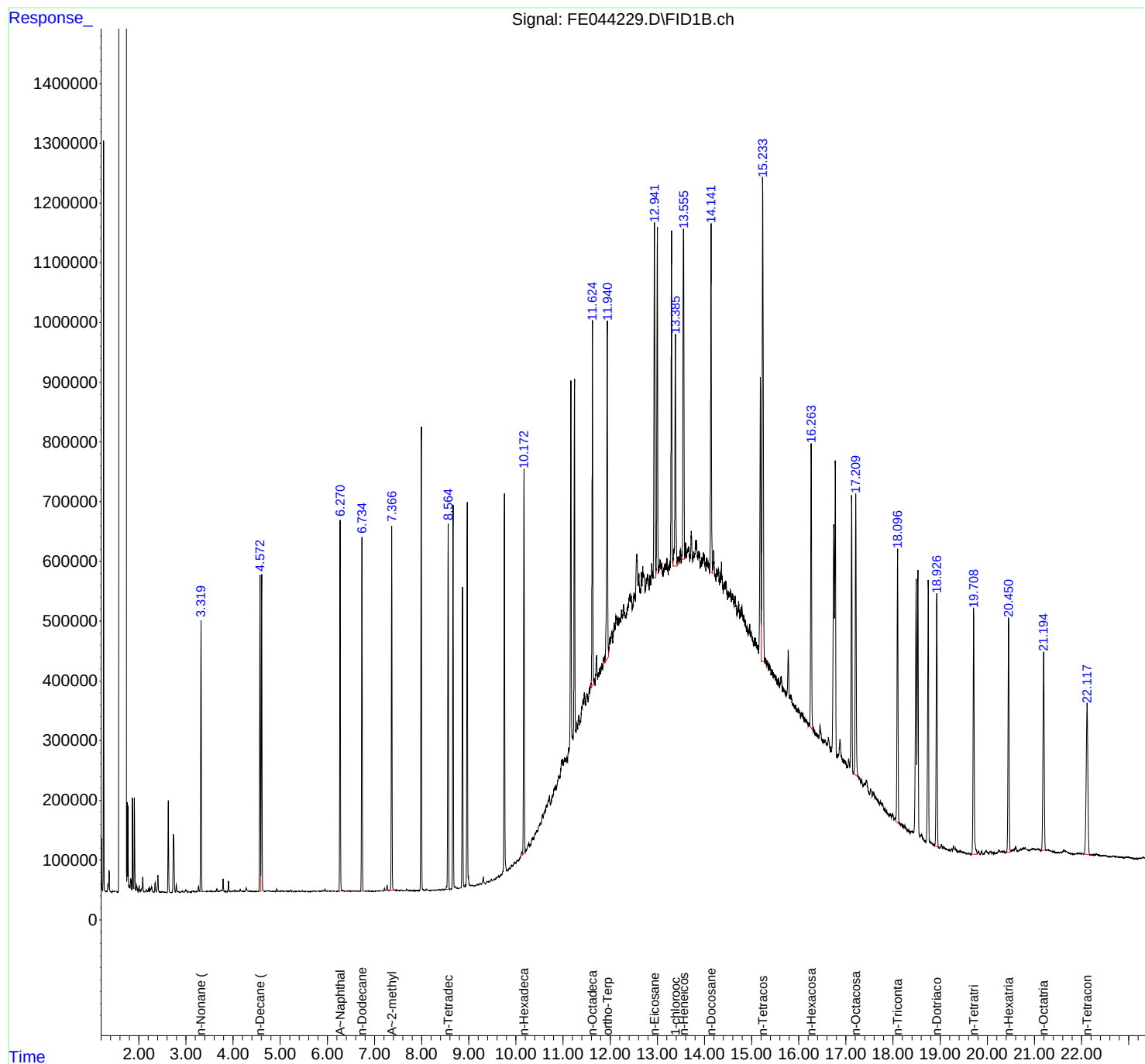
Instrument :
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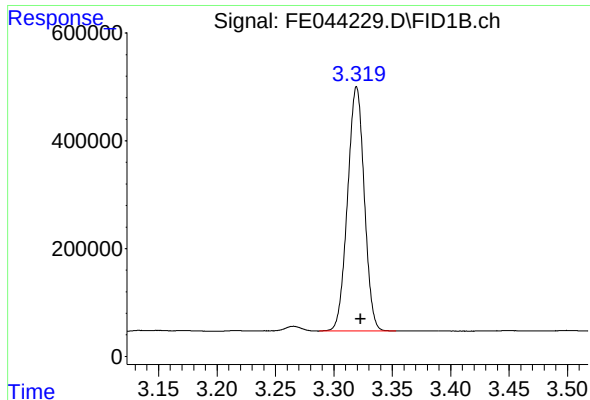
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 4517391
Conc: 27.69 ug/ml

Instrument :

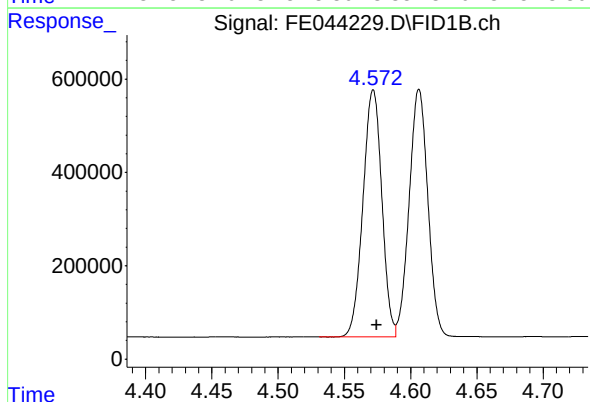
FID_E

ClientSampleId :

WC-1MS

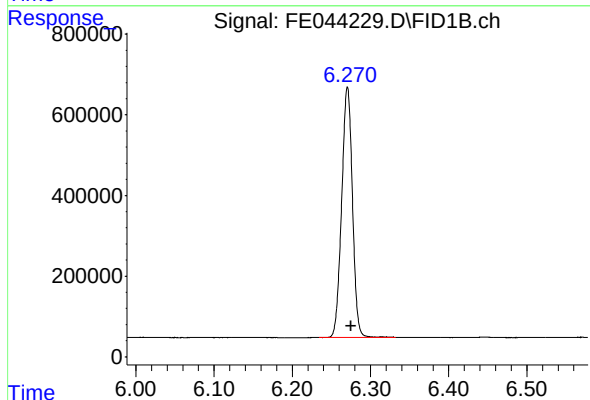
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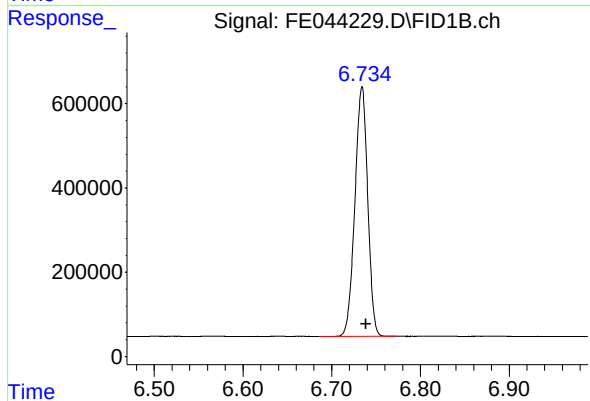
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.002 min
Response: 5234587
Conc: 31.49 ug/ml



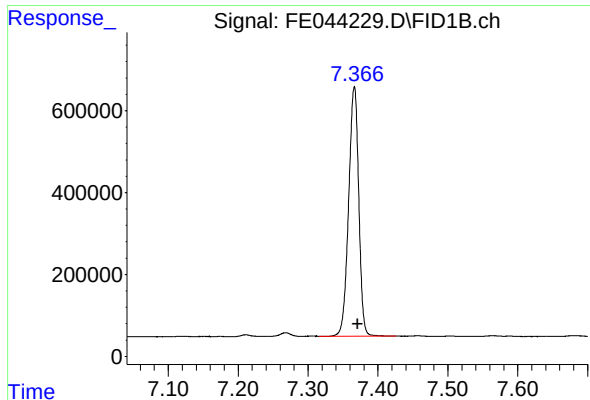
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 5949149
Conc: 33.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 5950143
Conc: 35.38 ug/ml



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

R.T.: 7.366 min
Delta R.T.: -0.005 min
Response: 6122742
Conc: 35.71 ug/ml

Instrument :

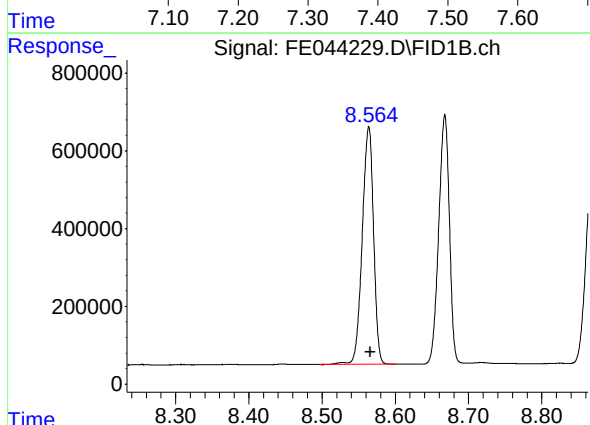
FID_E

ClientSampleId :

WC-1MS

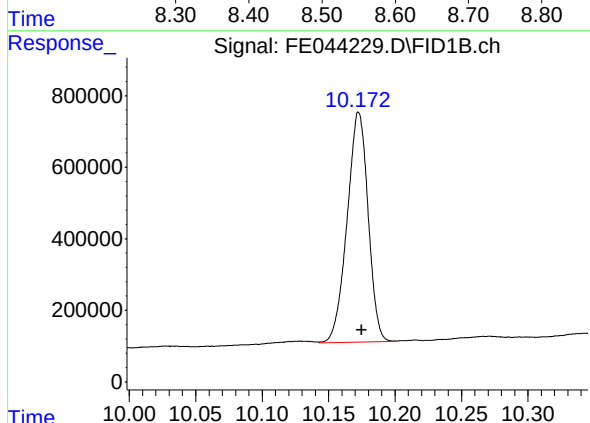
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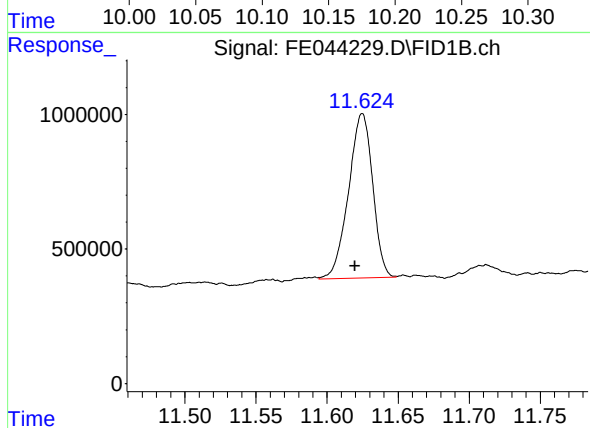
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 6565869
Conc: 39.15 ug/ml



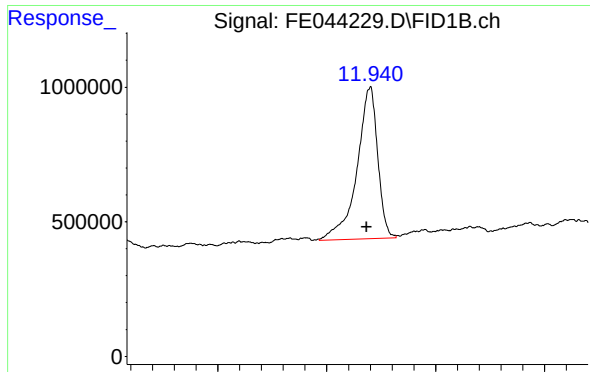
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.003 min
Response: 7066023
Conc: 40.88 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: 0.005 min
Response: 7225359
Conc: 41.51 ug/ml m



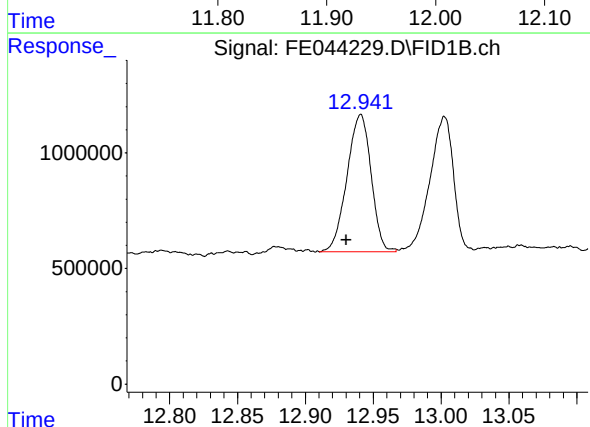
#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.003 min
Response: 7462484
Conc: 39.39 ug/ml

Instrument :
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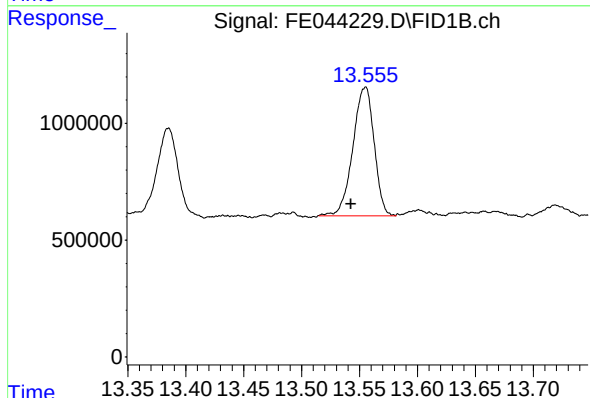
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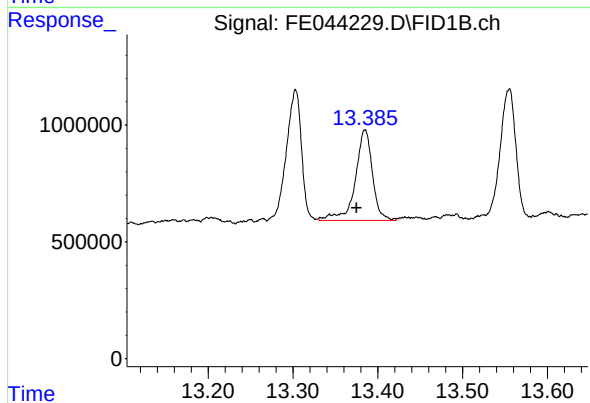
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.011 min
Response: 7336553
Conc: 44.35 ug/ml m



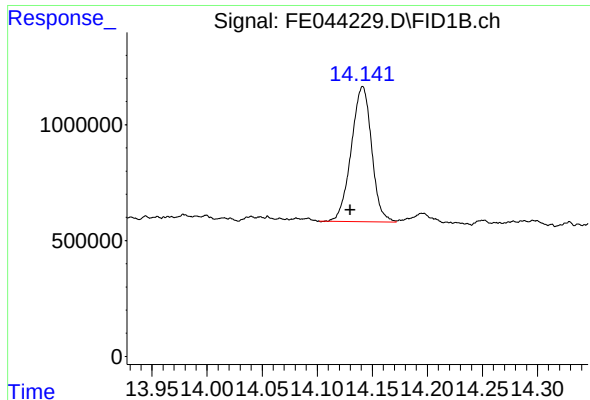
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.012 min
Response: 7058729
Conc: 43.64 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: 0.010 min
Response: 5433927
Conc: 39.33 ug/ml m



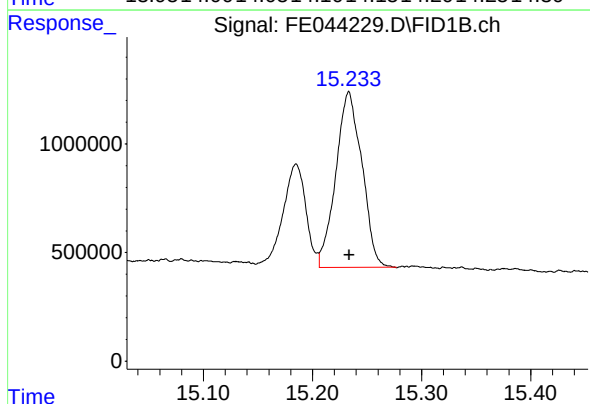
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.011 min
Response: 7500340
Conc: 46.95 ug/ml

Instrument :
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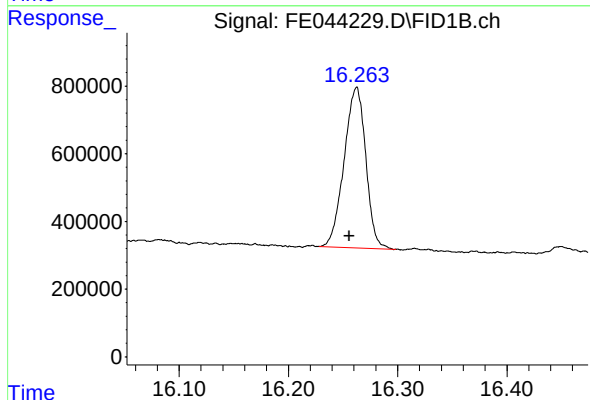
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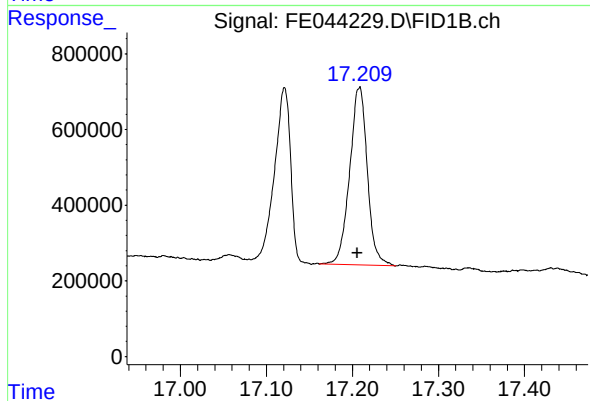
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.000 min
Response: 13391714
Conc: 85.64 ug/ml m



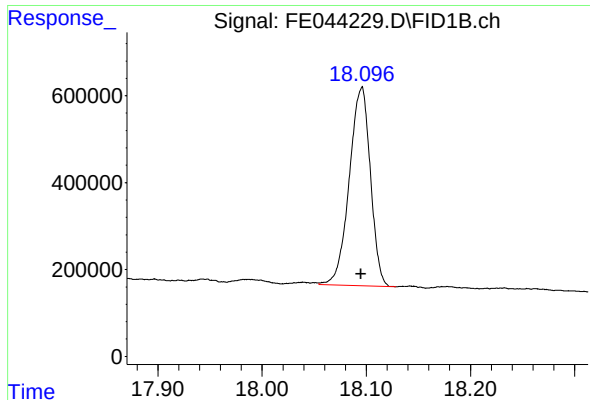
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.007 min
Response: 6559094
Conc: 43.51 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: 0.003 min
Response: 6706321
Conc: 46.47 ug/ml m



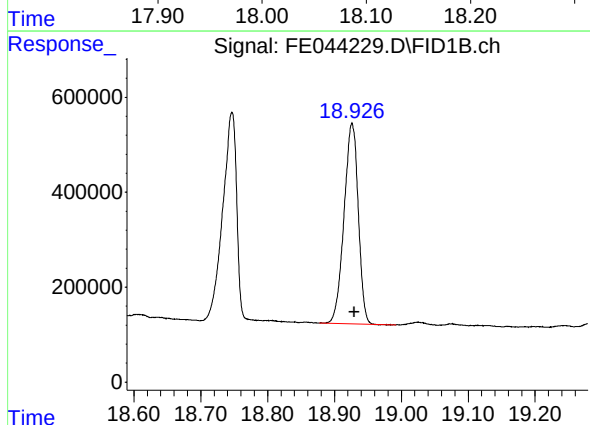
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: 0.000 min
Response: 6437614
Conc: 44.31 ug/ml

Instrument :
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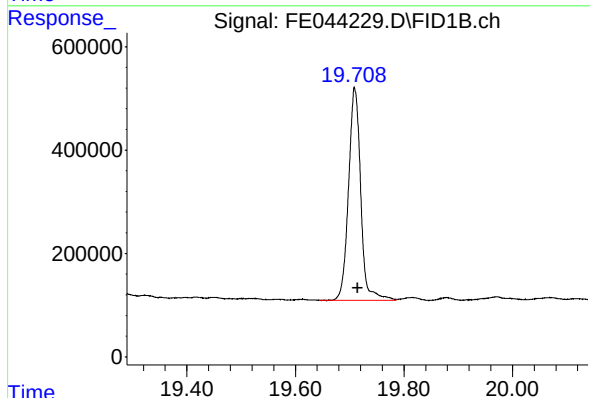
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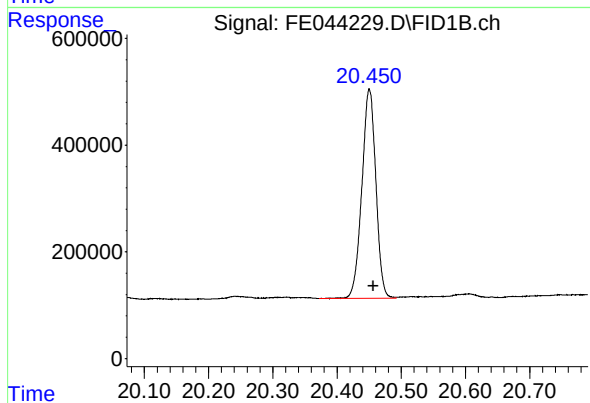
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.003 min
Response: 6244395
Conc: 43.84 ug/ml



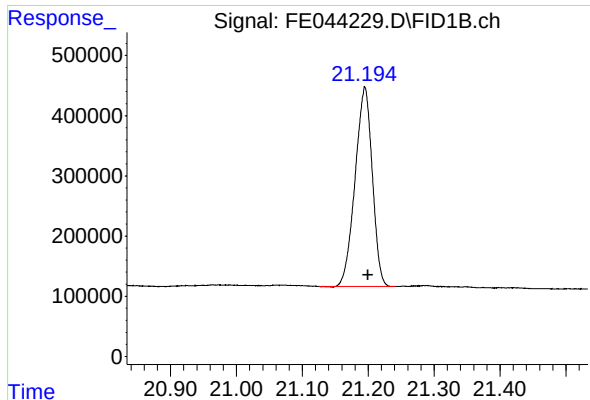
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.005 min
Response: 6405380
Conc: 45.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.006 min
Response: 5934388
Conc: 43.29 ug/ml



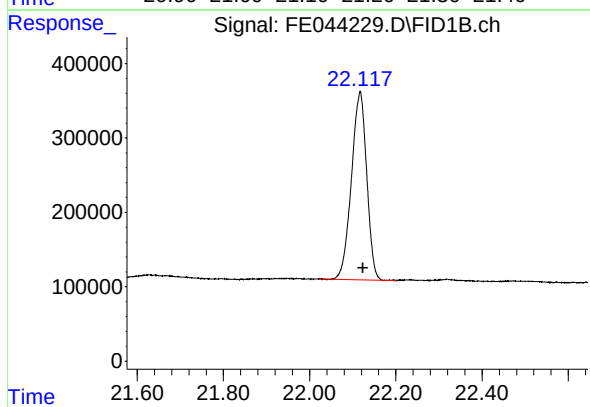
#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.005 min
Response: 5998034
Conc: 43.21 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.006 min
Response: 6207889
Conc: 44.90 ug/ml