

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051723AL\
 Data File : FE041965.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2023 21:16
 Operator : YP\AJ
 Sample : 02813-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/18/2023

Supervised By :Ankita Jodhani 05/18/2023

Integration File: autoint1.e

Quant Time: May 18 01:22:05 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 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)	11.975	5953216	31.732 ug/ml
Spiked Amount 50.000		Recovery =	63.46%
12) S 1-chlorooctadecane (S...	13.411	4804565	34.010 ug/ml
Spiked Amount 50.000		Recovery =	68.02%
Target Compounds			
1) T n-Nonane (C9)	3.352	4343001	29.545 ug/ml
2) T n-Decane (C10)	4.605	4810824	32.077 ug/ml
3) T A~Naphthalene (C11.7)	6.311	5488207	33.164 ug/ml
4) T n-Dodecane (C12)	6.772	5238924	34.457 ug/ml
5) T A~2-methylnaphthalene...	7.408	5504345	34.136 ug/ml
6) T n-Tetradecane (C14)	8.603	5601283	36.874 ug/ml
7) T n-Hexadecane (C16)	10.211	6254327	39.191 ug/ml
8) T n-Octadecane (C18)	11.656	6566909	40.064 ug/ml
10) T n-Eicosane (C20)	12.967	6624581	41.186 ug/ml
11) T n-Heneicosane (C21)	13.579	6301269	39.538 ug/ml
13) T n-Docosane (C22)	14.164	6218904	39.032 ug/ml
14) T n-Tetracosane (C24)	15.260	11608548	72.004 ug/ml
15) T n-Hexacosane (C26)	16.291	5825799	36.850 ug/ml
16) T n-Octacosane (C28)	17.240	5733570	37.262 ug/ml
17) T n-Tricontane (C30)	18.130	5719810	37.555 ug/ml
18) T n-Dotriacontane (C32)	18.960	5714735	38.359 ug/ml
19) T n-Tetratriacontane (C34)	19.746	5559501	39.464 ug/ml
20) T n-Hexatriacontane (C36)	20.486	5339351	39.927 ug/mlm
21) T n-Octatriacontane (C38)	21.240	5560152	42.079 ug/ml
22) T n-Tetracontane (C40)	22.180	5726784	45.231 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 02813-01MS
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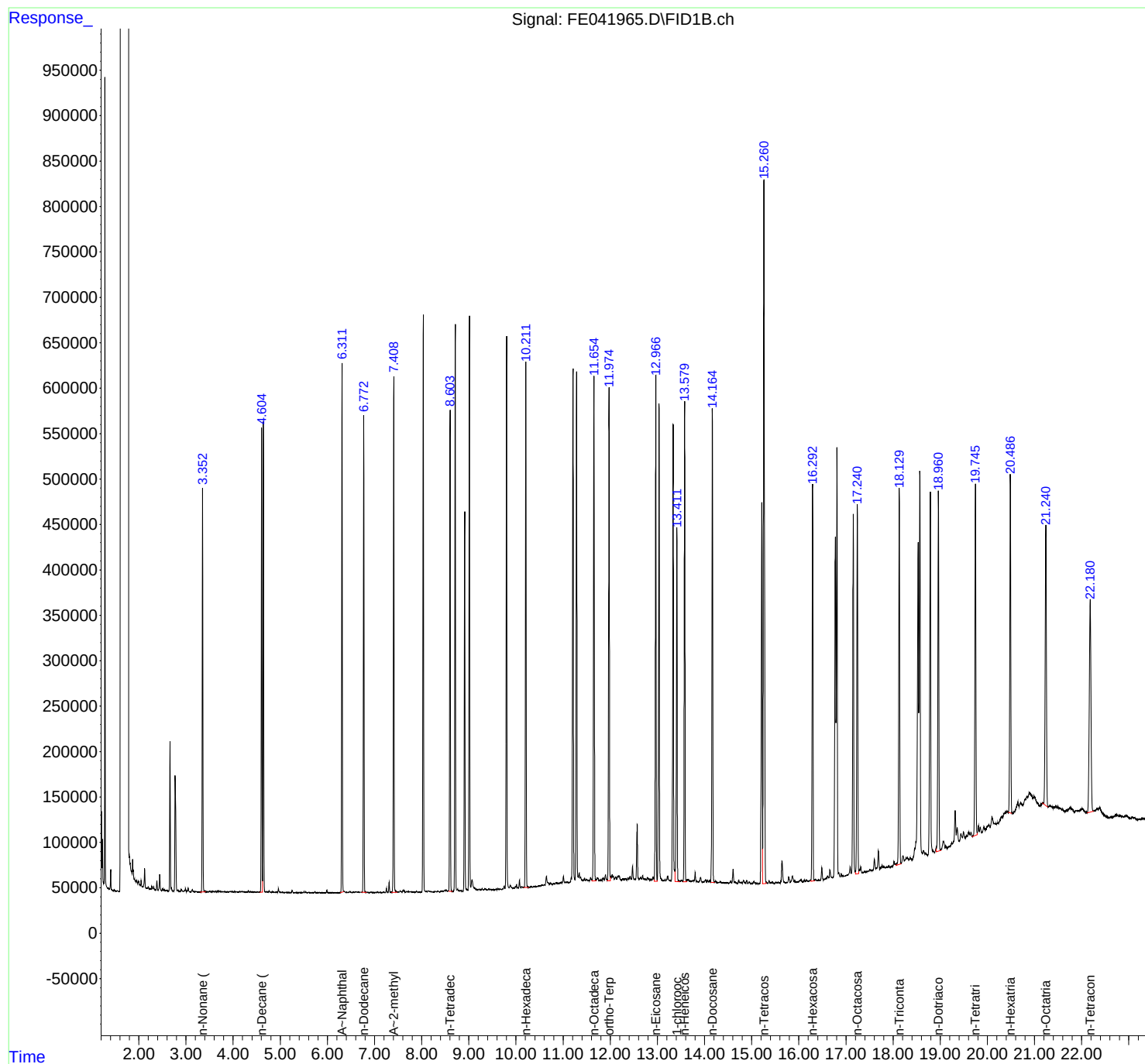
Instrument :
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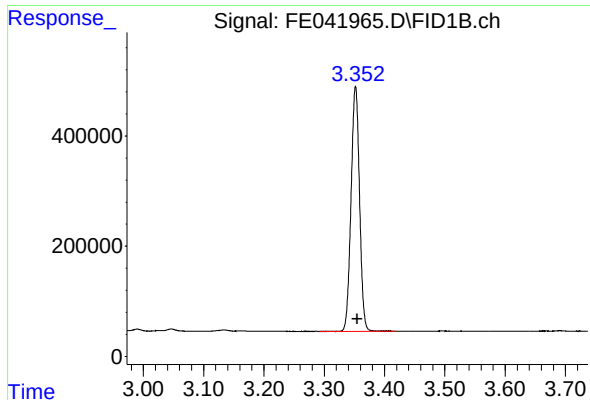
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial 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.: 3.352 min
Delta R.T.: -0.003 min
Response: 4343001
Conc: 29.55 ug/ml

Instrument :

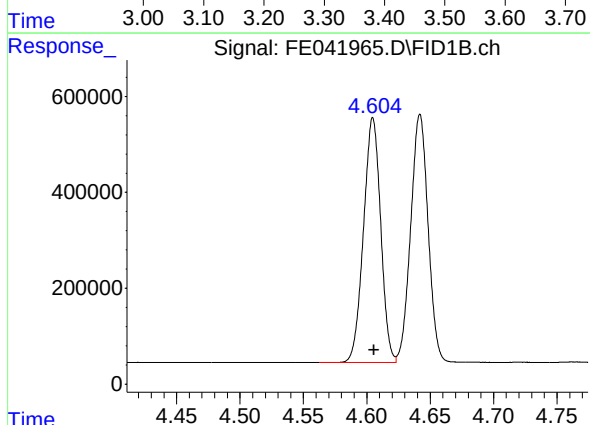
FID_E

ClientSampleId :

WC-1MS

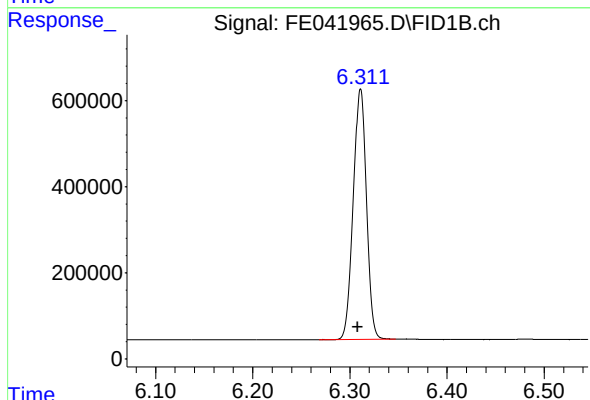
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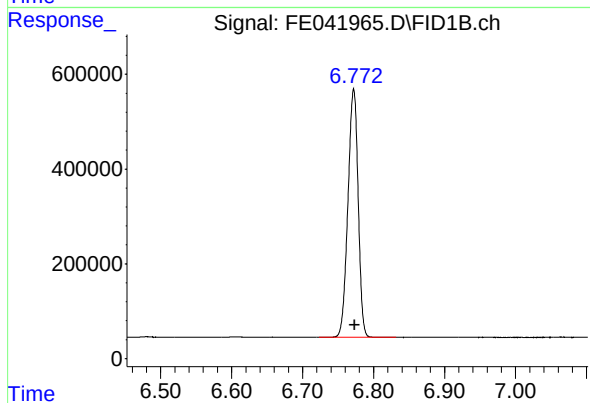
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 4810824
Conc: 32.08 ug/ml



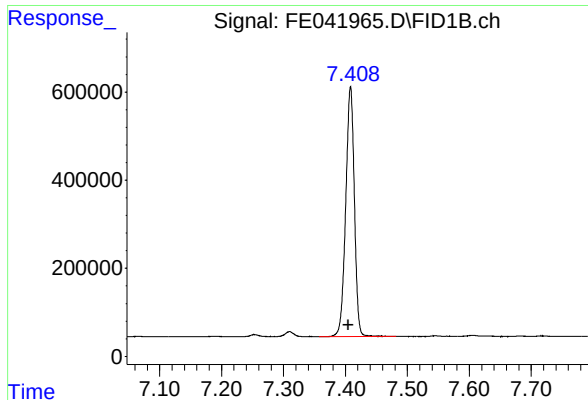
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 5488207
Conc: 33.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 5238924
Conc: 34.46 ug/ml



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

R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 5504345
Conc: 34.14 ug/ml

Instrument :

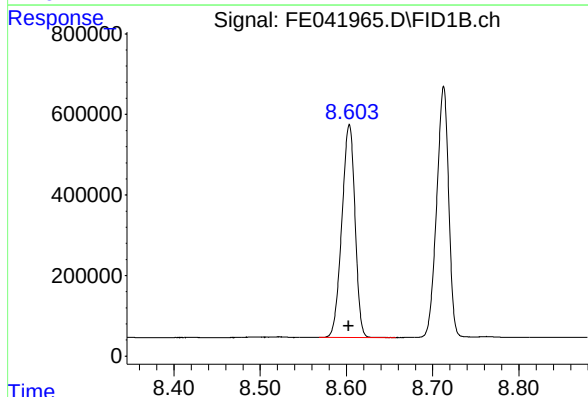
FID_E

ClientSampleId :

WC-1MS

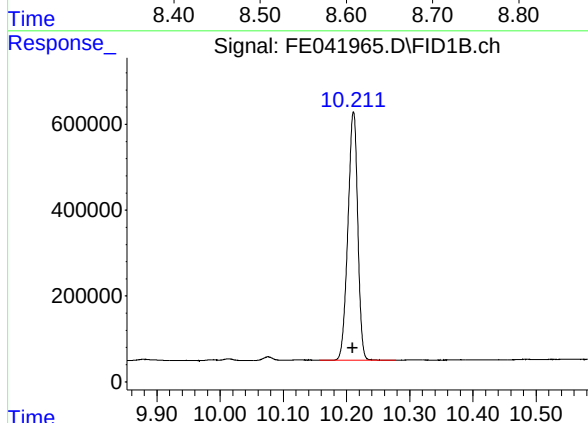
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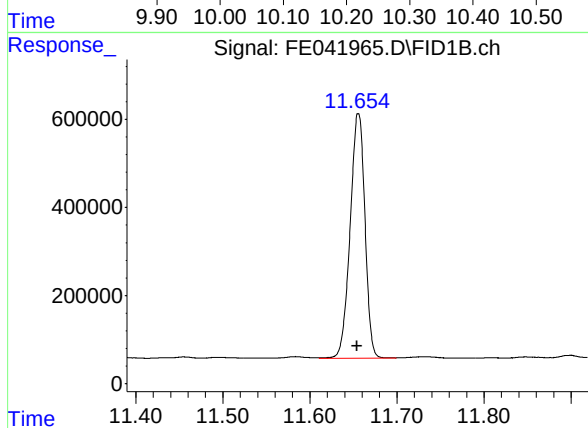
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.001 min
Response: 5601283
Conc: 36.87 ug/ml



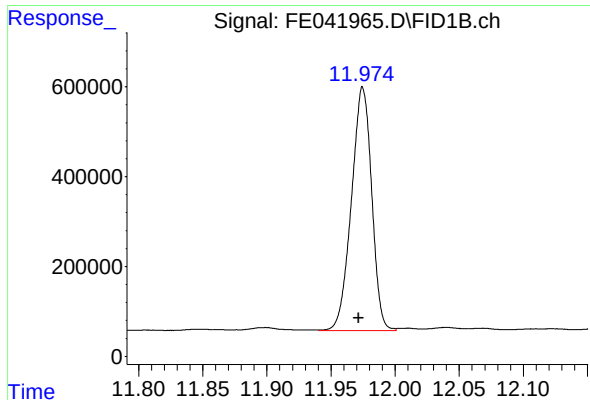
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.001 min
Response: 6254327
Conc: 39.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: 0.002 min
Response: 6566909
Conc: 40.06 ug/ml



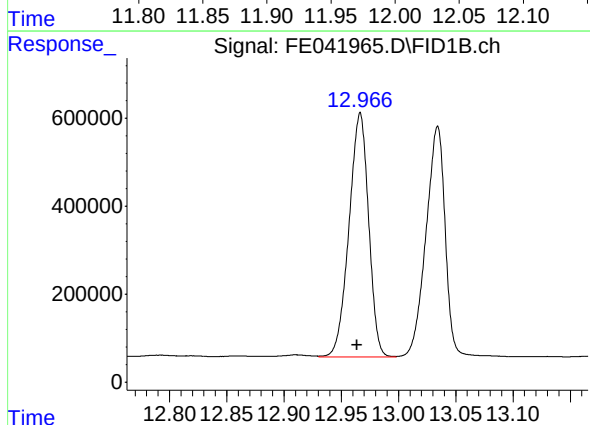
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.003 min
Response: 5953216
Conc: 31.73 ug/ml

Instrument :
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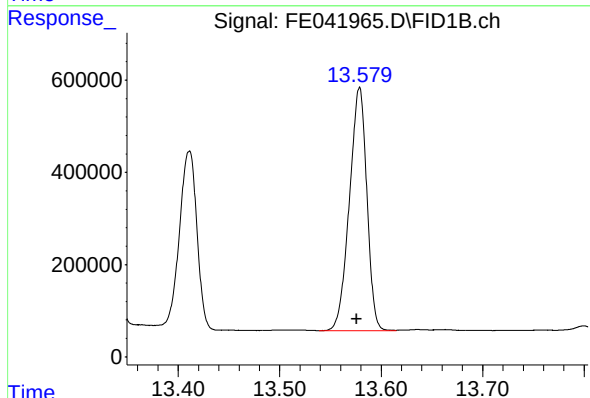
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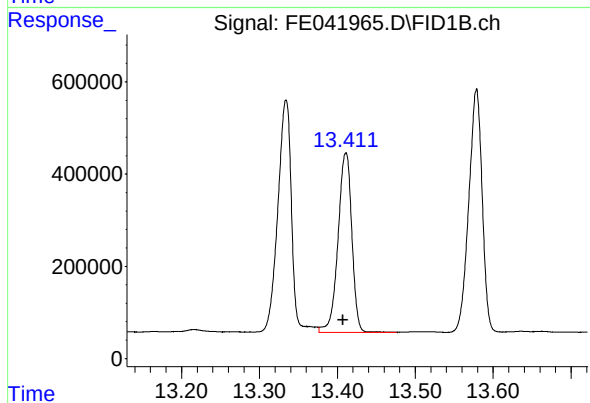
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 6624581
Conc: 41.19 ug/ml



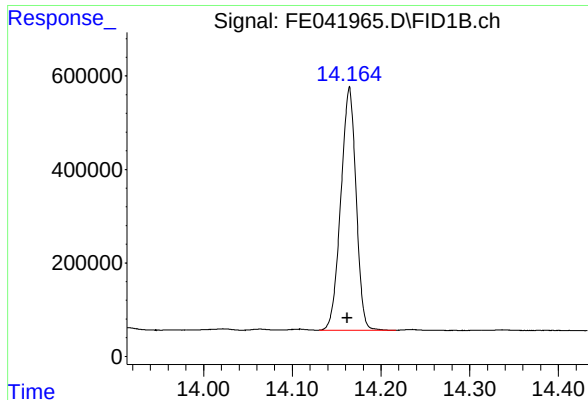
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.003 min
Response: 6301269
Conc: 39.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 4804565
Conc: 34.01 ug/ml



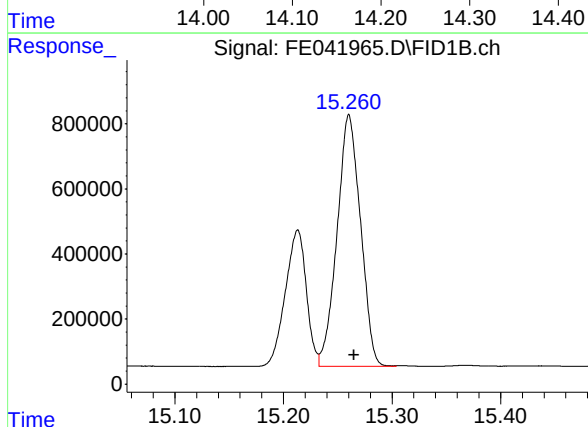
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.002 min
Response: 6218904
Conc: 39.03 ug/ml

Instrument :
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ClientSampleId :
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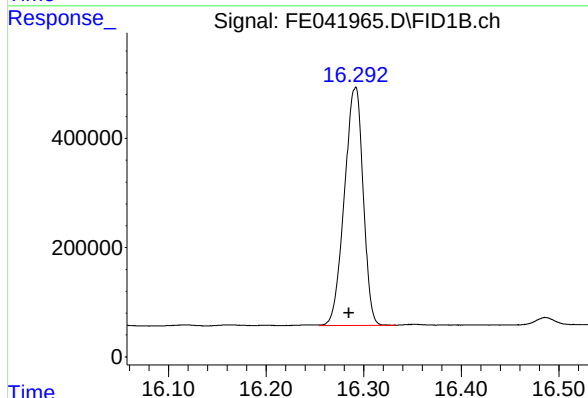
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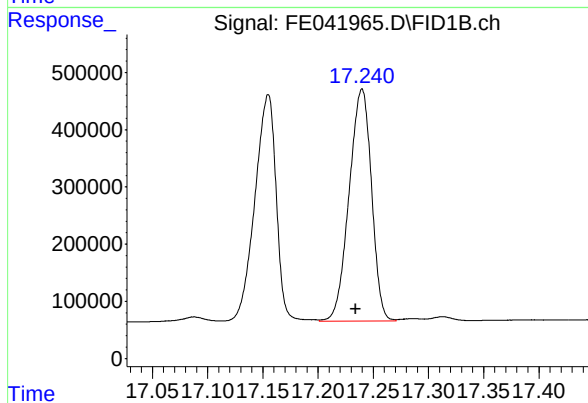
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: -0.005 min
Response: 11608548
Conc: 72.00 ug/ml



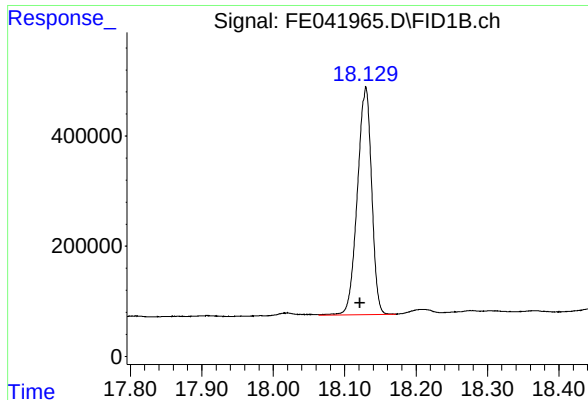
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.007 min
Response: 5825799
Conc: 36.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.006 min
Response: 5733570
Conc: 37.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.130 min
Delta R.T.: 0.008 min
Response: 5719810
Conc: 37.56 ug/ml

Instrument :

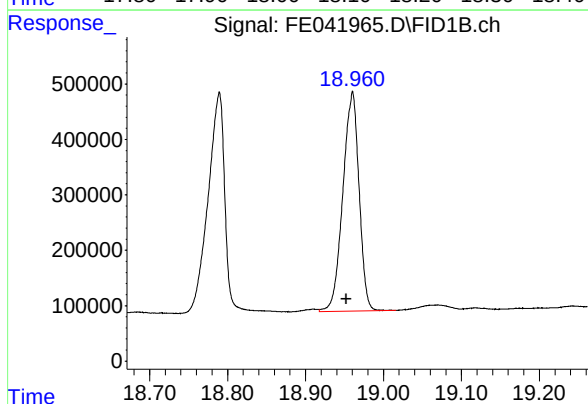
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ClientSampleId :

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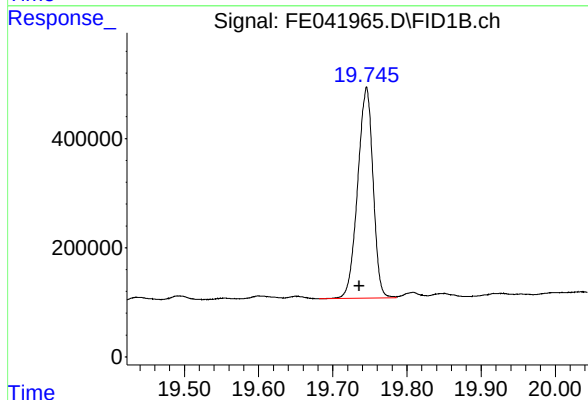
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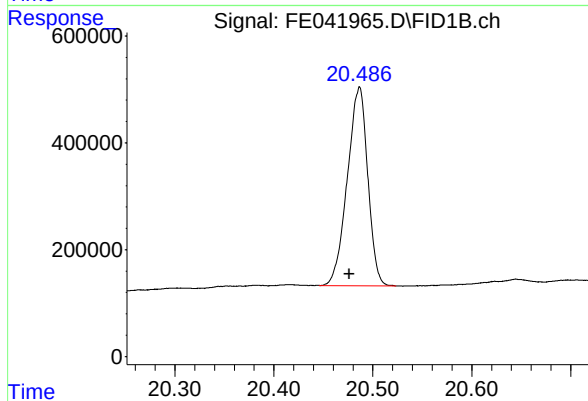
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.008 min
Response: 5714735
Conc: 38.36 ug/ml



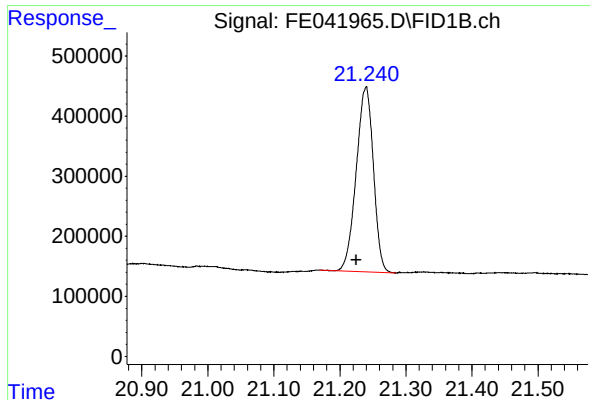
#19 n-Tetratriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.010 min
Response: 5559501
Conc: 39.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.486 min
Delta R.T.: 0.010 min
Response: 5339351
Conc: 39.93 ug/ml m



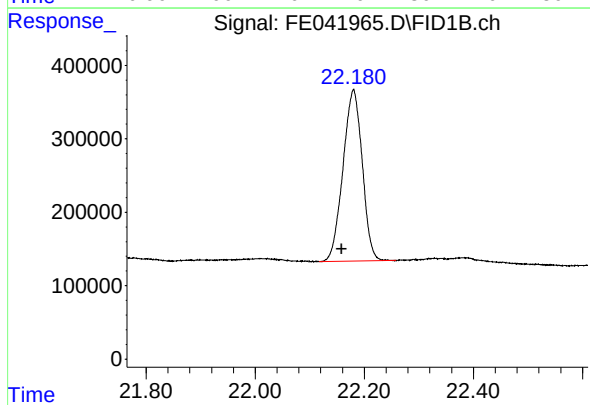
#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.015 min
Response: 5560152
Conc: 42.08 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: 0.022 min
Response: 5726784
Conc: 45.23 ug/ml m