

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050154.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 17:15
 Operator : YP\AJ
 Sample : P4023-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-9MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/18/2024

Supervised By :Ankita Jodhani 09/18/2024

Integration File: autoint1.e

Quant Time: Sep 18 01:28:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.875	4418395	29.698 ug/ml
Spiked Amount 50.000		Recovery =	59.40%
12) S 1-chlorooctadecane (S...	13.309	3659119	32.576 ug/ml
Spiked Amount 50.000		Recovery =	65.15%
Target Compounds			
1) T n-Nonane (C9)	3.264	3912792	28.867 ug/mlm
2) T n-Decane (C10)	4.515	4365841	31.634 ug/ml
3) T A~Naphthalene (C11.7)	6.223	4675394	33.403 ug/ml
4) T n-Dodecane (C12)	6.681	4674126	33.801 ug/ml
5) T A~2-methylnaphthalene...	7.318	4292732	32.660 ug/ml
6) T n-Tetradecane (C14)	8.510	5406863	39.706 ug/ml
7) T n-Hexadecane (C16)	10.115	5977540	43.034 ug/ml
8) T n-Octadecane (C18)	11.557	6075874	43.368 ug/ml
10) T n-Eicosane (C20)	12.865	5996676	44.703 ug/ml
11) T n-Heneicosane (C21)	13.477	5790422	44.068 ug/ml
13) T n-Docosane (C22)	14.062	5577800	42.835 ug/ml
14) T n-Tetracosane (C24)	15.160	10234415	78.370 ug/ml
15) T n-Hexacosane (C26)	16.184	5315472	41.547 ug/ml
16) T n-Octacosane (C28)	17.132	5867501	45.552 ug/ml
17) T n-Tricontane (C30)	18.019	5495890	41.100 ug/ml
18) T n-Dotriacontane (C32)	18.850	5591528	41.961 ug/ml
19) T n-Tetratriacontane (C34)	19.633	5772395	46.717 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5808580	52.353 ug/ml
21) T n-Octatriacontane (C38)	21.100	6001710	54.423 ug/ml
22) T n-Tetracontane (C40)	21.991	5697082	52.356 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
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Signal(s) : FID1B.ch
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Operator : YP\AJ
Sample : P4023-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

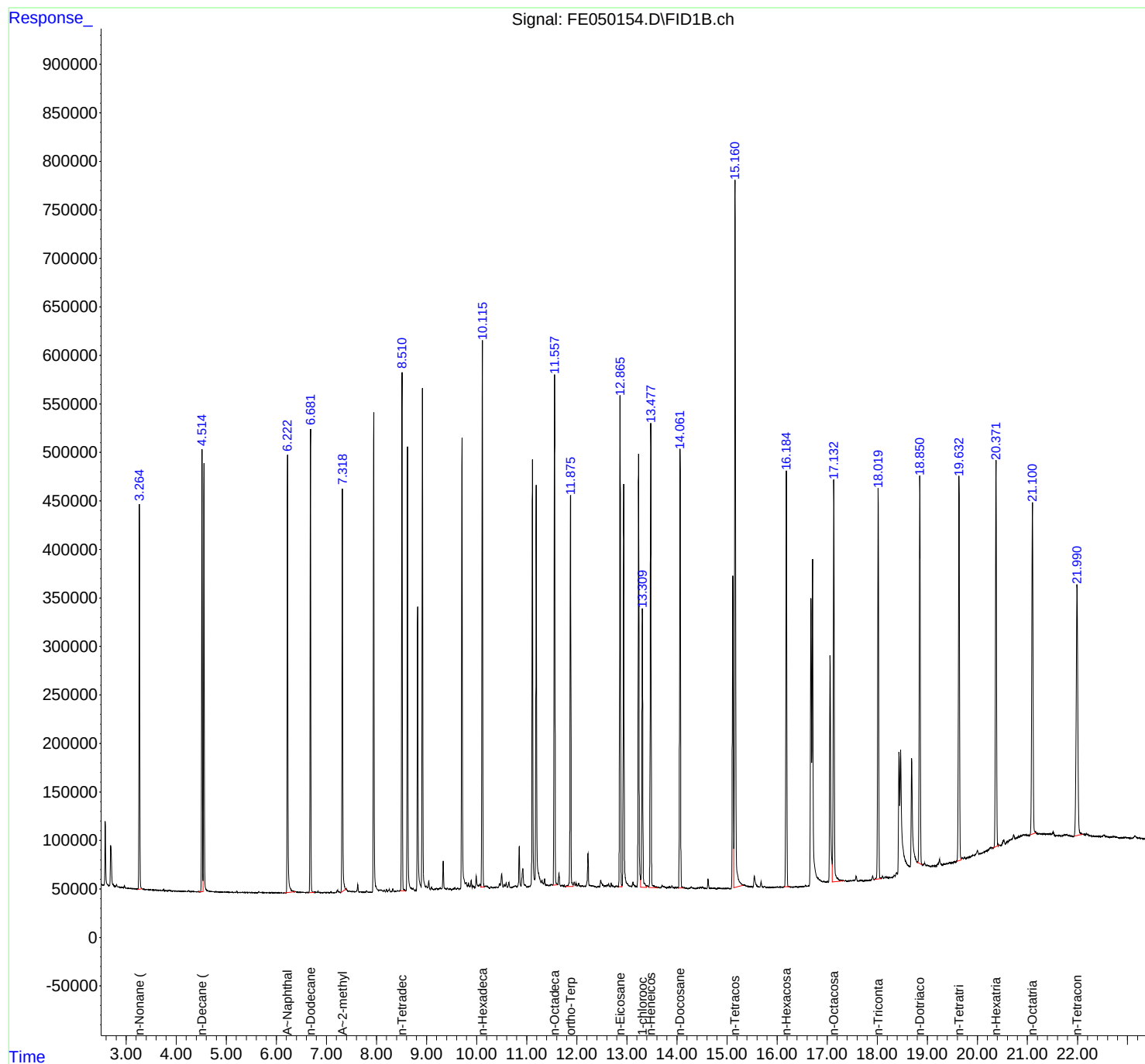
Instrument :
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ClientSampleId :
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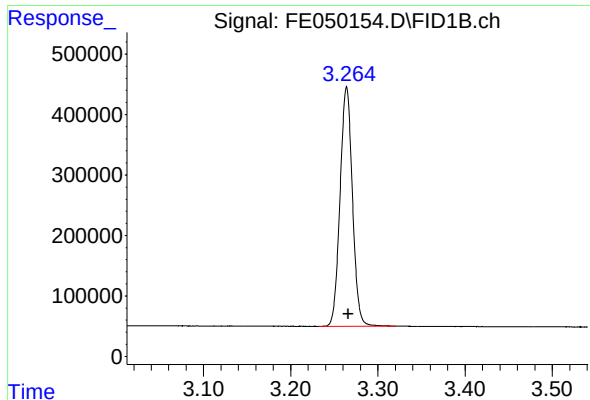
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Integration File: autoint1.e
Quant Time: Sep 18 01:28:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.002 min
Response: 3912792
Conc: 28.87 ug/ml

Instrument :

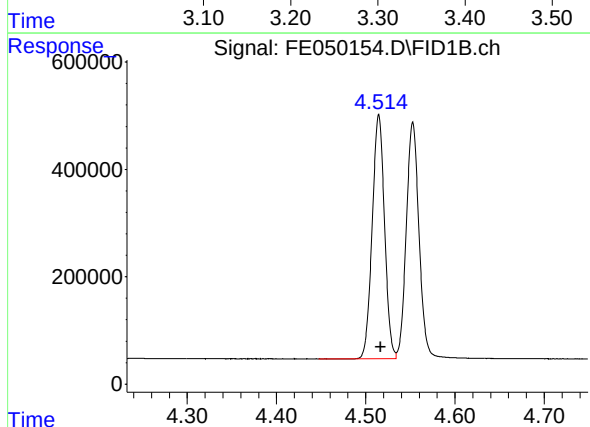
FID_E

ClientSampleId :

TP-9MS

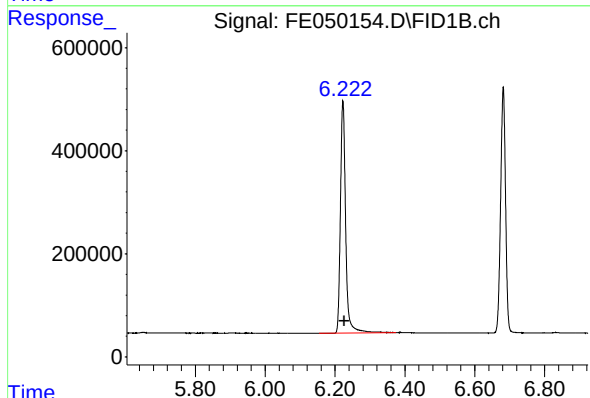
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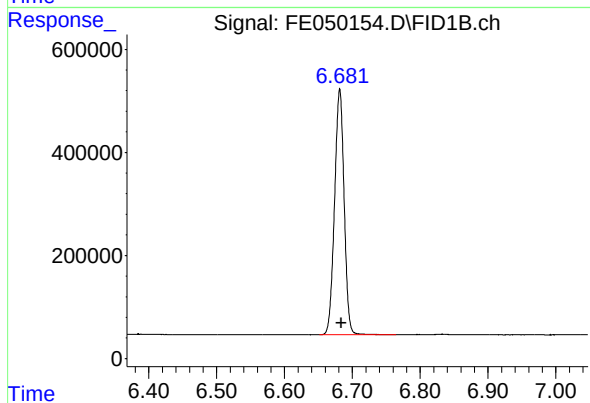
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 4365841
Conc: 31.63 ug/ml



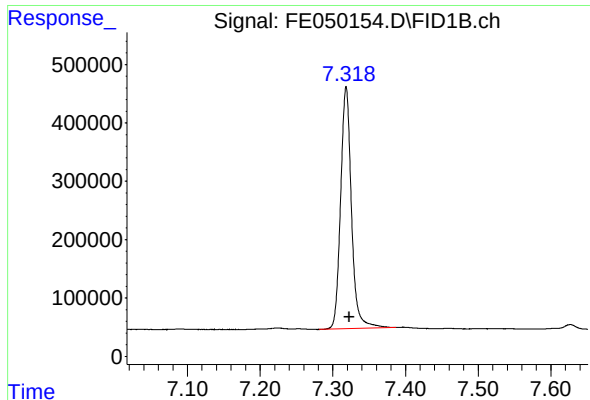
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 4675394
Conc: 33.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: -0.002 min
Response: 4674126
Conc: 33.80 ug/ml



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

R.T.: 7.318 min
Delta R.T.: -0.005 min
Response: 4292732
Conc: 32.66 ug/ml

Instrument :

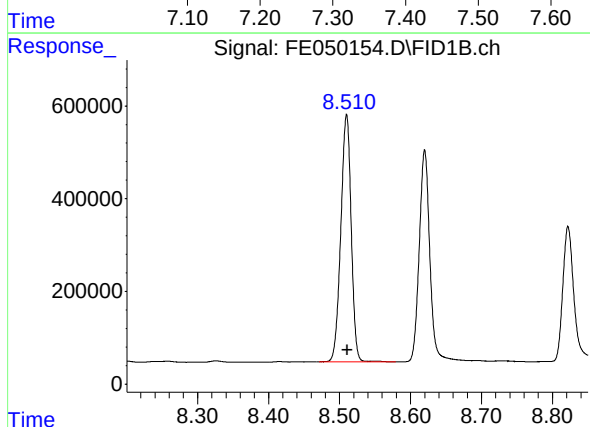
FID_E

ClientSampleId :

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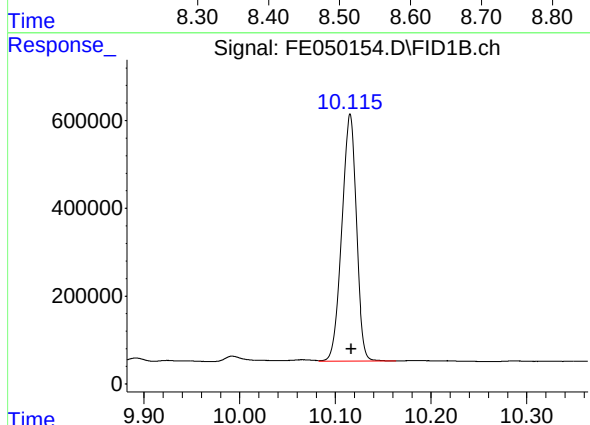
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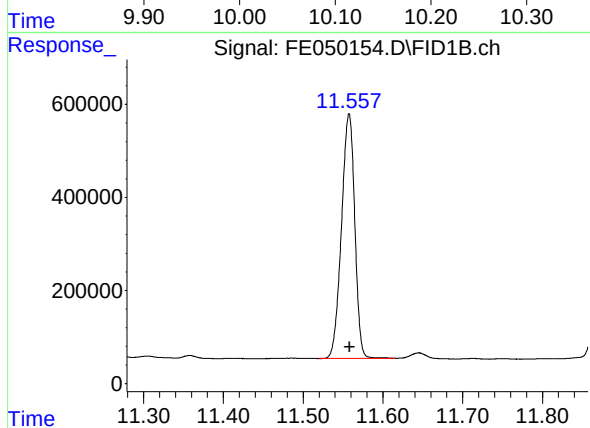
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 5406863
Conc: 39.71 ug/ml



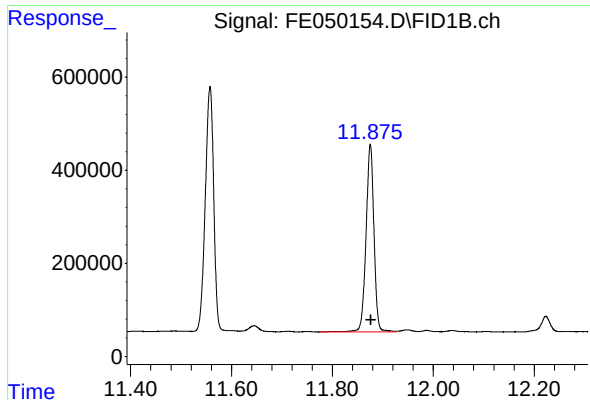
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 5977540
Conc: 43.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 6075874
Conc: 43.37 ug/ml



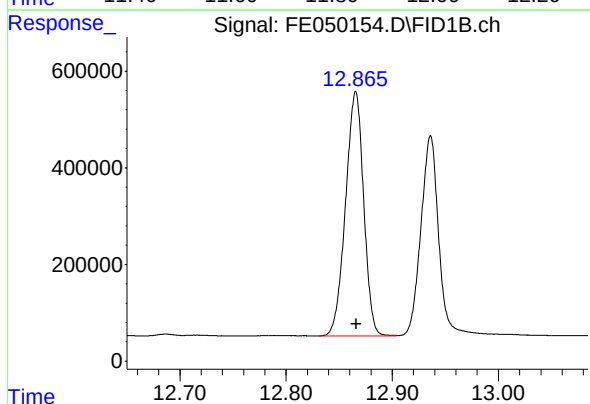
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.001 min
Response: 4418395
Conc: 29.70 ug/ml

Instrument :
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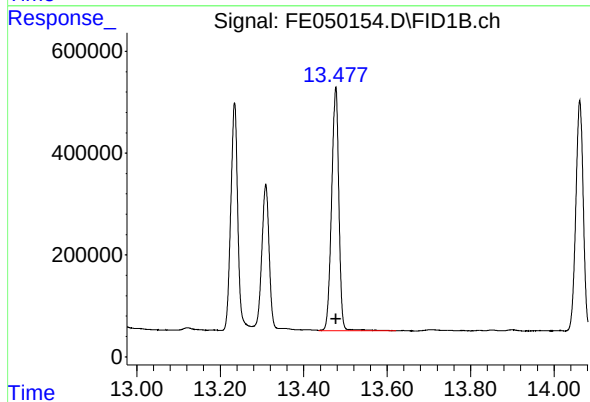
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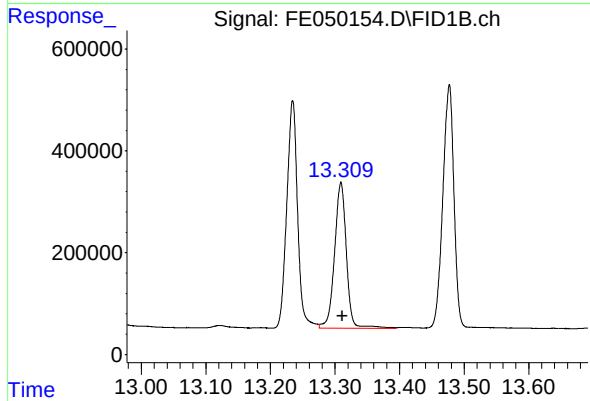
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: 0.000 min
Response: 5996676
Conc: 44.70 ug/ml



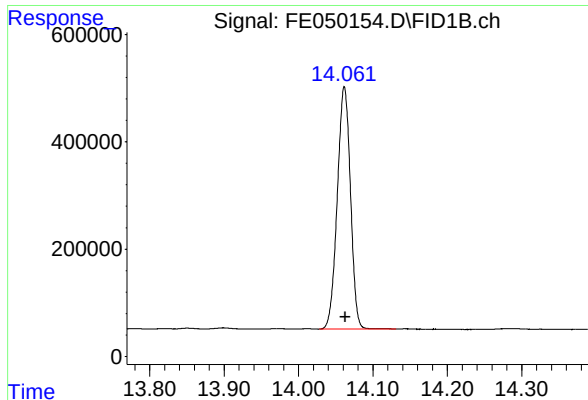
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 5790422
Conc: 44.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 3659119
Conc: 32.58 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.001 min
Response: 5577800
Conc: 42.83 ug/ml

Instrument :

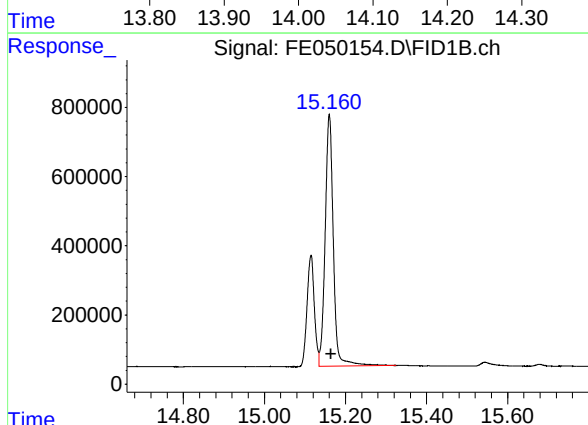
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ClientSampleId :

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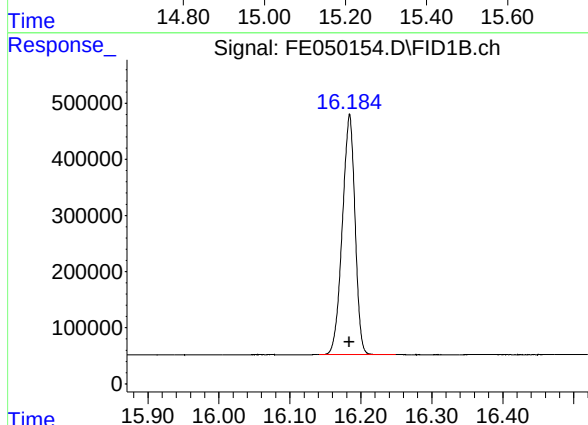
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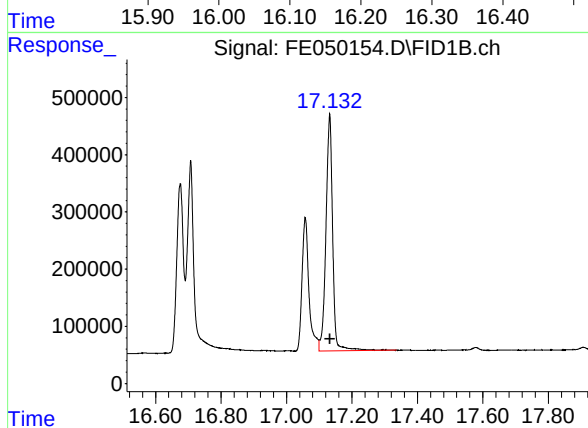
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.004 min
Response: 10234415
Conc: 78.37 ug/ml



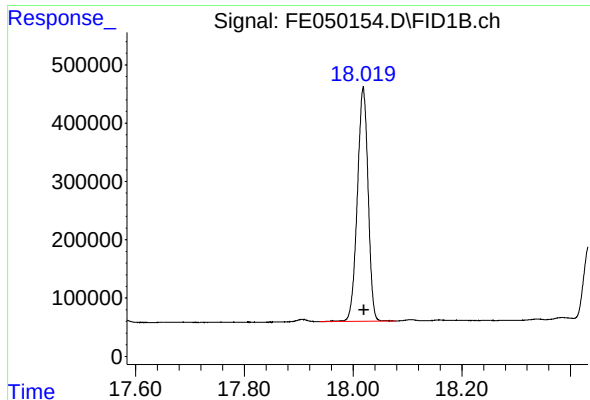
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 5315472
Conc: 41.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.001 min
Response: 5867501
Conc: 45.55 ug/ml



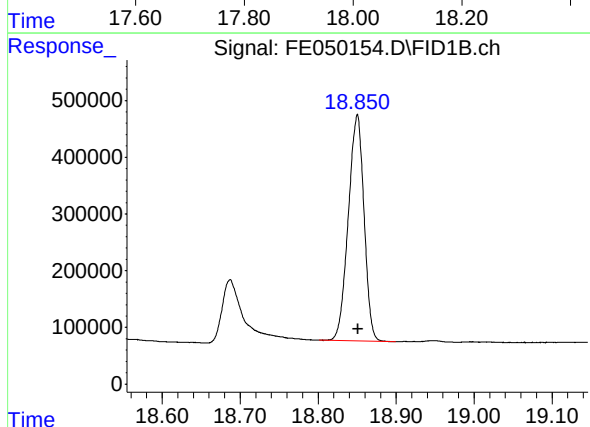
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: -0.001 min
Response: 5495890
Conc: 41.10 ug/ml

Instrument :
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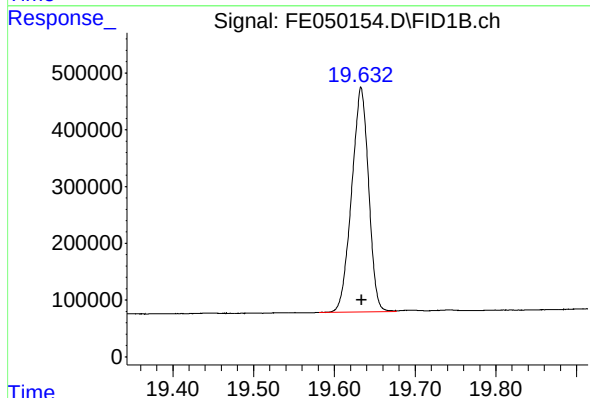
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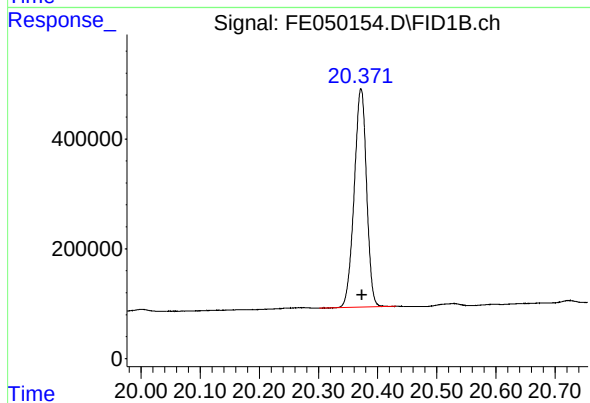
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.001 min
Response: 5591528
Conc: 41.96 ug/ml



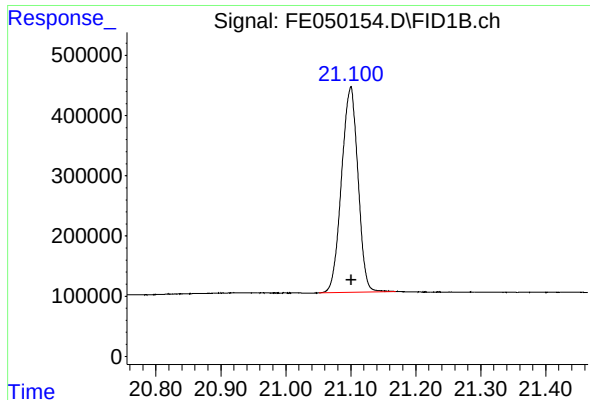
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: 0.000 min
Response: 5772395
Conc: 46.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.002 min
Response: 5808580
Conc: 52.35 ug/ml



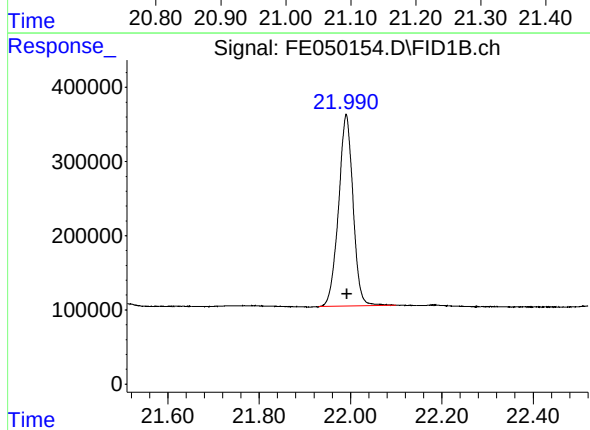
#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.001 min
Response: 6001710
Conc: 54.42 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.002 min
Response: 5697082
Conc: 52.36 ug/ml