

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011725AL\
 Data File : FE051946.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2025 14:53
 Operator : YP\AJ
 Sample : PB166099BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166099BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :Ankita Jodhani 01/21/2025

Integration File: autoint1.e

Quant Time: Jan 17 23:12:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 2025

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)	12.179	5411824	37.864 ug/ml
Spiked Amount 50.000		Recovery =	75.73%
12) S 1-chlorooctadecane (S...	13.602	4615336	40.233 ug/ml
Spiked Amount 50.000		Recovery =	80.47%
Target Compounds			
1) T n-Nonane (C9)	3.618	4084717	38.314 ug/ml
2) T n-Decane (C10)	4.851	4332337	39.572 ug/ml
3) T A~Naphthalene (C11.7)	6.551	5058903	41.631 ug/ml
4) T n-Dodecane (C12)	6.992	4522061	40.066 ug/ml
5) T A~2-methylnaphthalene...	7.637	4750690	39.793 ug/ml
6) T n-Tetradecane (C14)	8.811	4762092	40.943 ug/ml
7) T n-Hexadecane (C16)	10.411	4920399	39.014 ug/ml
8) T n-Octadecane (C18)	11.850	5076059	38.366 ug/ml
10) T n-Eicosane (C20)	13.156	5319033	40.574 ug/ml
11) T n-Heneicosane (C21)	13.766	5133223	39.437 ug/ml
13) T n-Docosane (C22)	14.350	5132296	39.107 ug/ml
14) T n-Tetracosane (C24)	15.454	10620972	79.959 ug/ml
15) T n-Hexacosane (C26)	16.470	5044372	38.161 ug/ml
16) T n-Octacosane (C28)	17.414	4999594	37.880 ug/ml
17) T n-Tricontane (C30)	18.302	4970438	36.456 ug/ml
18) T n-Dotriacontane (C32)	19.131	4900353	37.392 ug/ml
19) T n-Tetratriacontane (C34)	19.912	4963703	44.089 ug/ml
20) T n-Hexatriacontane (C36)	20.650	4881125	51.390 ug/ml
21) T n-Octatriacontane (C38)	21.442	4944843	57.244 ug/mlm
22) T n-Tetracontane (C40)	22.456	5017274	60.881 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166099BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

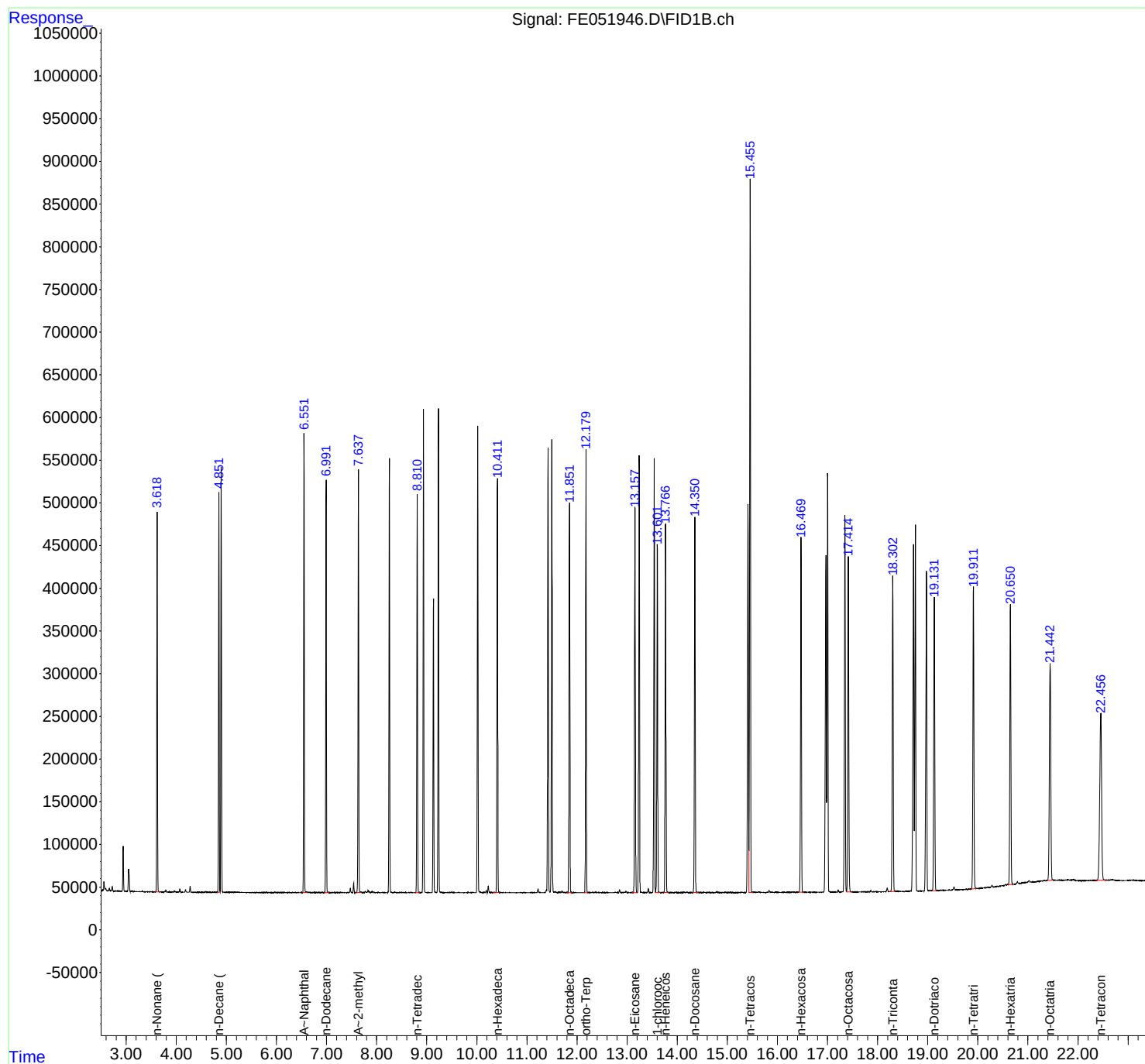
Instrument :
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ClientSampleId :
PB166099BS

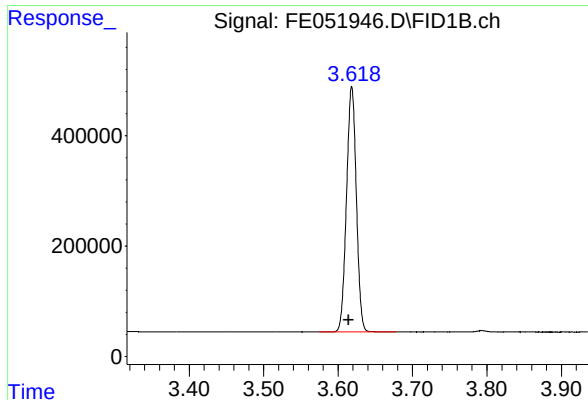
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Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 2025
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.618 min
Delta R.T.: 0.004 min
Response: 4084717
Conc: 38.31 ug/ml

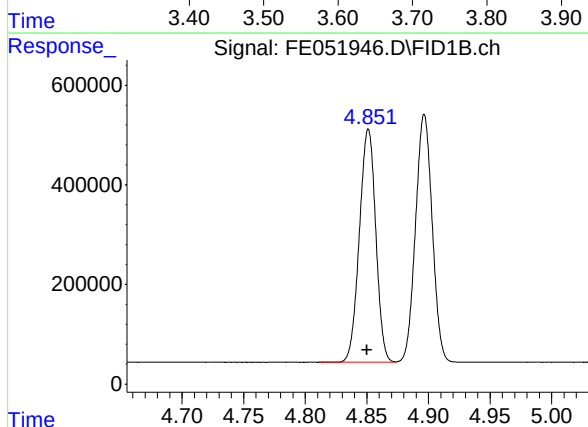
Instrument :

FID_E

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PB166099BS

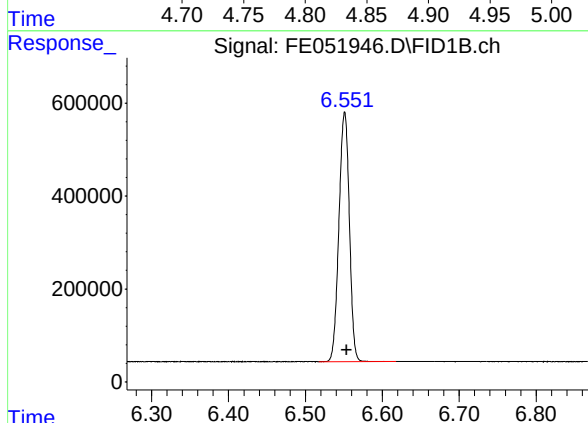
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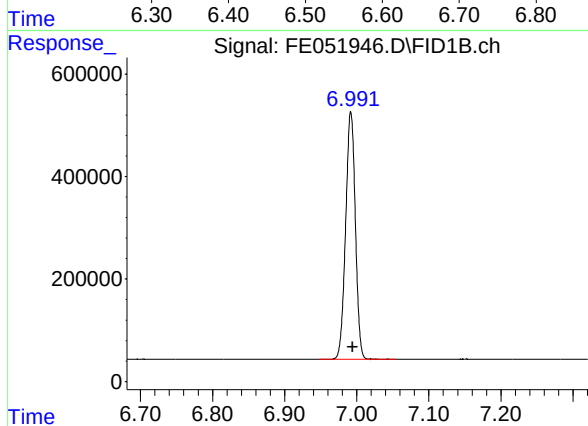
#2 n-Decane (C10)

R.T.: 4.851 min
Delta R.T.: 0.001 min
Response: 4332337
Conc: 39.57 ug/ml



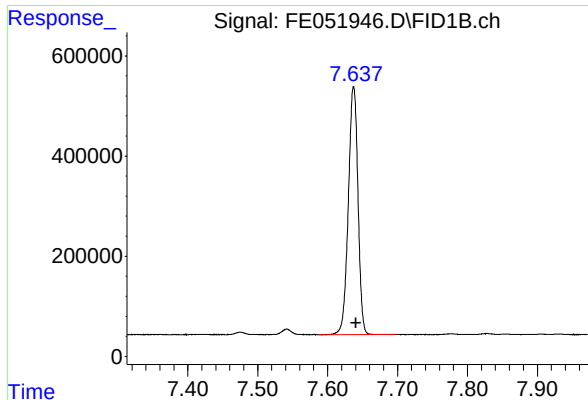
#3 A~Naphthalene (C11.7)

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 5058903
Conc: 41.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 4522061
Conc: 40.07 ug/ml



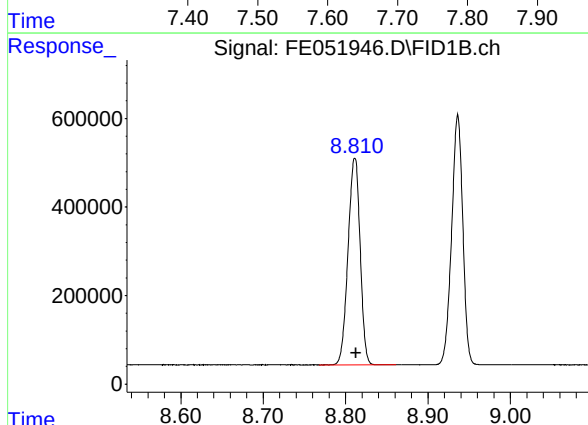
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 4750690
Conc: 39.79 ug/ml

Instrument :
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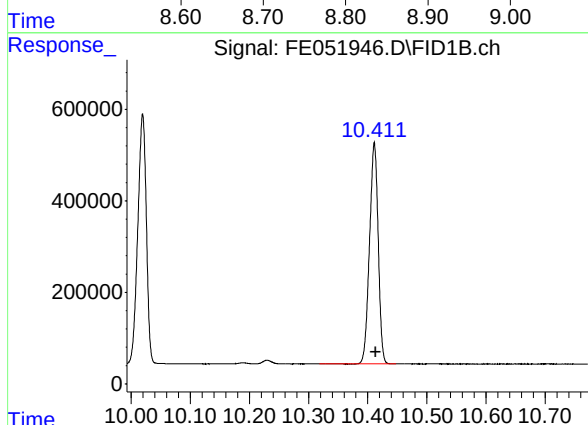
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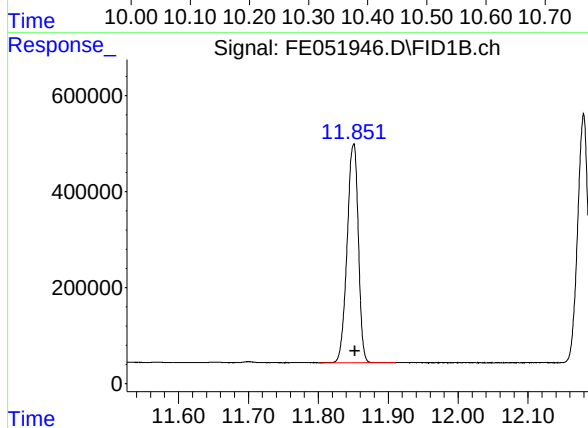
#6 n-Tetradecane (C14)

R.T.: 8.811 min
Delta R.T.: -0.001 min
Response: 4762092
Conc: 40.94 ug/ml



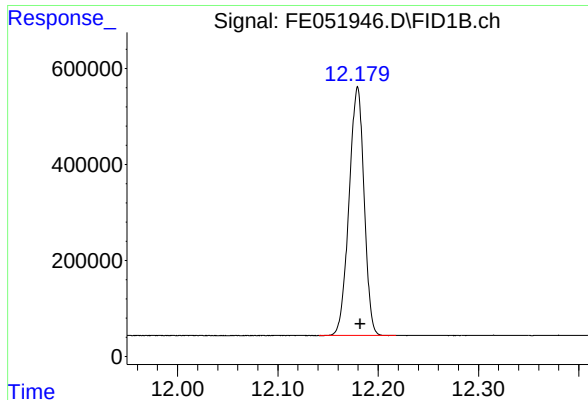
#7 n-Hexadecane (C16)

R.T.: 10.411 min
Delta R.T.: -0.002 min
Response: 4920399
Conc: 39.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.850 min
Delta R.T.: -0.002 min
Response: 5076059
Conc: 38.37 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.179 min
Delta R.T.: -0.003 min
Response: 5411824
Conc: 37.86 ug/ml

Instrument :

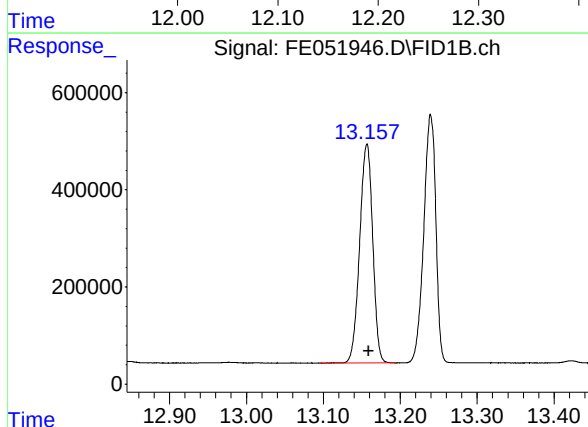
FID_E

ClientSampleId :

PB166099BS

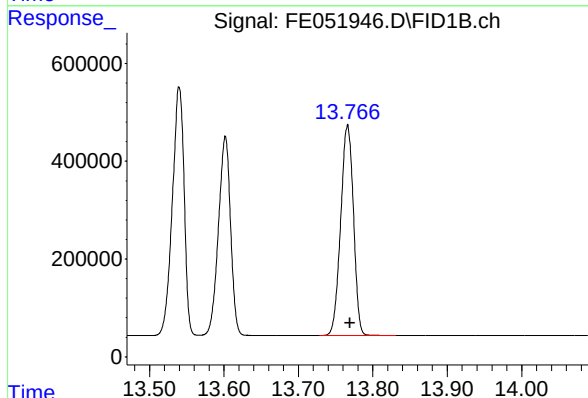
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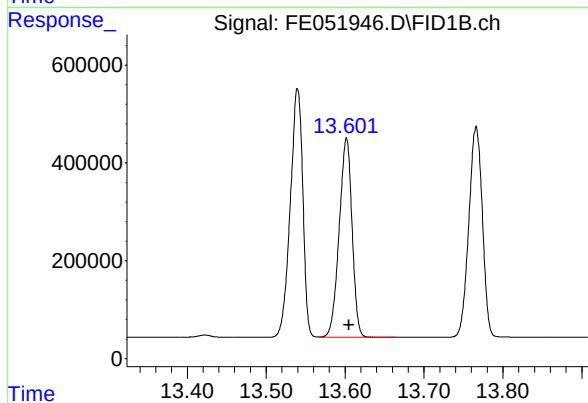
#10 n-Eicosane (C20)

R.T.: 13.156 min
Delta R.T.: -0.002 min
Response: 5319033
Conc: 40.57 ug/ml



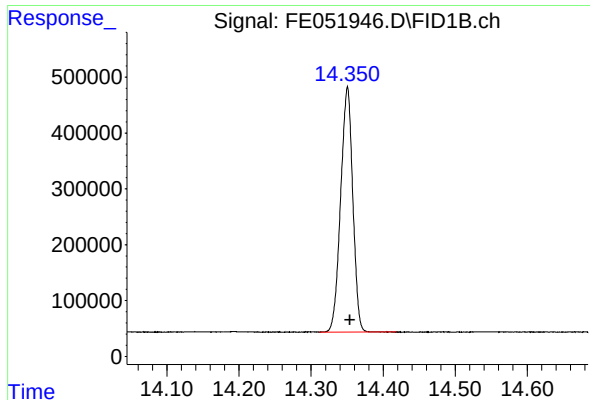
#11 n-Heneicosane (C21)

R.T.: 13.766 min
Delta R.T.: -0.004 min
Response: 5133223
Conc: 39.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.602 min
Delta R.T.: -0.003 min
Response: 4615336
Conc: 40.23 ug/ml



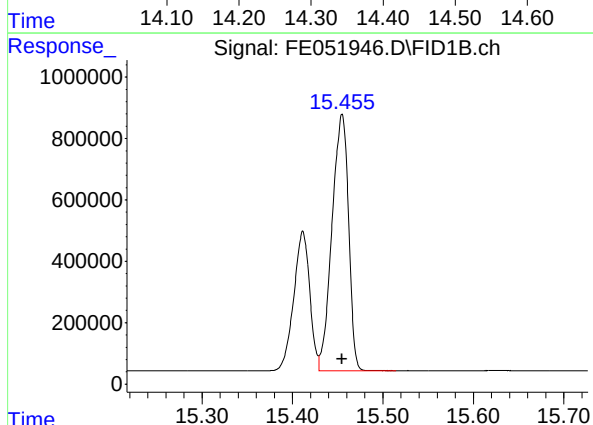
#13 n-Docosane (C22)

R.T.: 14.350 min
Delta R.T.: -0.004 min
Response: 5132296
Conc: 39.11 ug/ml

Instrument :
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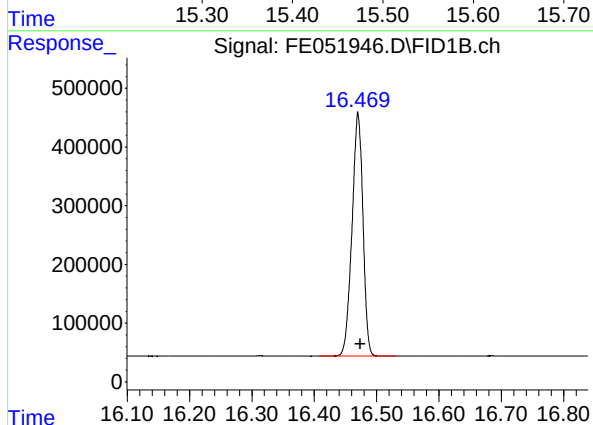
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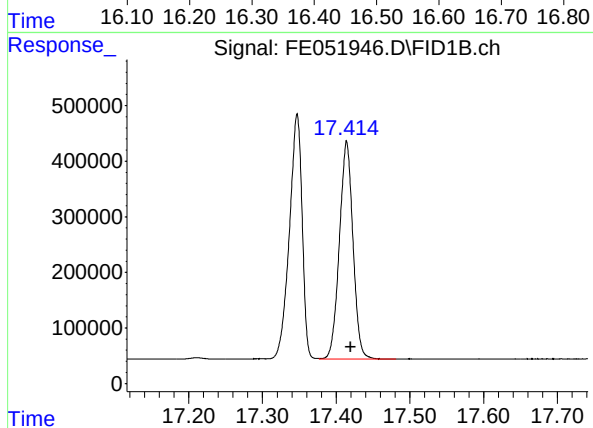
#14 n-Tetracosane (C24)

R.T.: 15.454 min
Delta R.T.: 0.000 min
Response: 10620972
Conc: 79.96 ug/ml



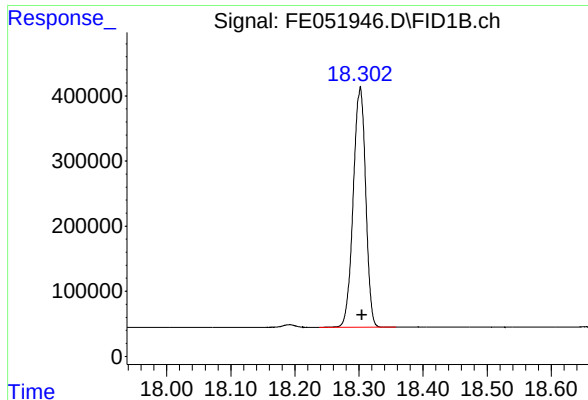
#15 n-Hexacosane (C26)

R.T.: 16.470 min
Delta R.T.: -0.003 min
Response: 5044372
Conc: 38.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.414 min
Delta R.T.: -0.006 min
Response: 4999594
Conc: 37.88 ug/ml



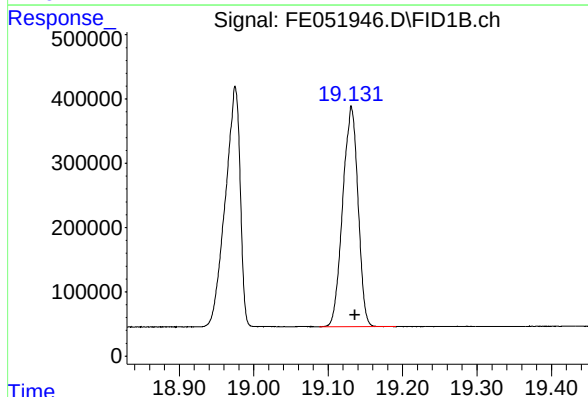
#17 n-Tricontane (C30)

R.T.: 18.302 min
Delta R.T.: -0.003 min
Response: 4970438
Conc: 36.46 ug/ml

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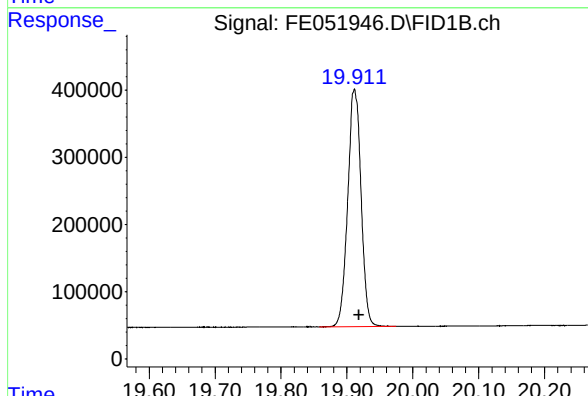
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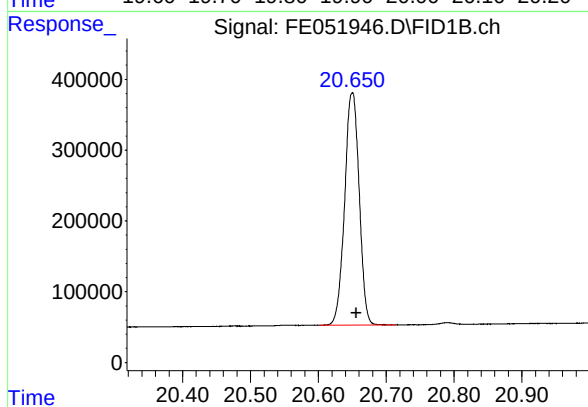
#18 n-Dotriacontane (C32)

R.T.: 19.131 min
Delta R.T.: -0.005 min
Response: 4900353
Conc: 37.39 ug/ml



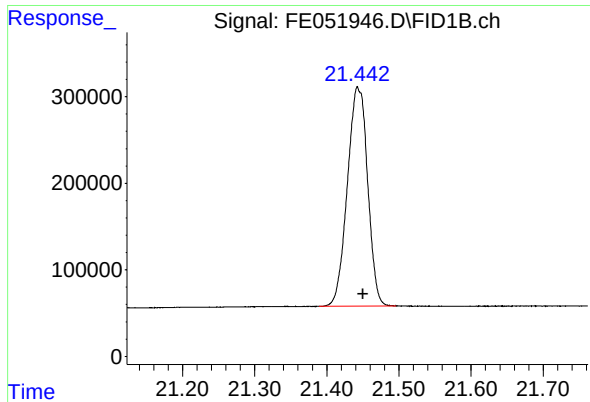
#19 n-Tetratriacontane (C34)

R.T.: 19.912 min
Delta R.T.: -0.007 min
Response: 4963703
Conc: 44.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.650 min
Delta R.T.: -0.006 min
Response: 4881125
Conc: 51.39 ug/ml



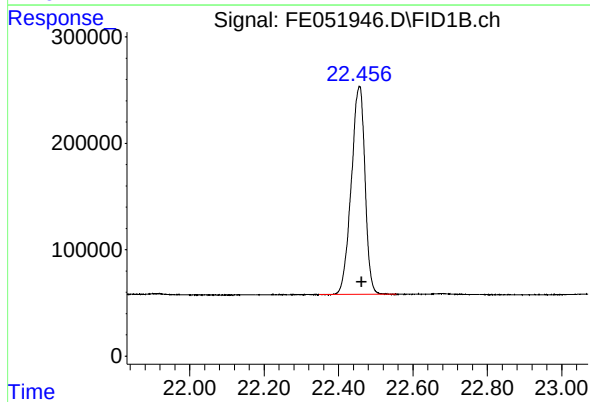
#21 n-Octatriacontane (C38)

R.T.: 21.442 min
Delta R.T.: -0.008 min
Response: 4944843
Conc: 57.24 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.456 min
Delta R.T.: -0.006 min
Response: 5017274
Conc: 60.88 ug/ml