

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091324AL\
 Data File : FE050073.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2024 16:45
 Operator : YP\AJ
 Sample : P3947-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RW-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/13/2024

Supervised By :Ankita Jodhani 09/13/2024

Integration File: autoint1.e

Quant Time: Sep 13 01:20:44 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	4894067	32.895 ug/ml
Spiked Amount 50.000		Recovery =	65.79%
12) S 1-chlorooctadecane (S...	13.309	4032341	35.898 ug/ml
Spiked Amount 50.000		Recovery =	71.80%
Target Compounds			
1) T n-Nonane (C9)	3.265	3959823	29.214 ug/ml
2) T n-Decane (C10)	4.516	4439358	32.167 ug/ml
3) T A~Naphthalene (C11.7)	6.223	4783123	34.173 ug/ml
4) T n-Dodecane (C12)	6.682	4607421	33.319 ug/ml
5) T A~2-methylnaphthalene...	7.319	4393870	33.429 ug/ml
6) T n-Tetradecane (C14)	8.510	5010484	36.795 ug/ml
7) T n-Hexadecane (C16)	10.115	5450072	39.237 ug/ml
8) T n-Octadecane (C18)	11.557	5696792	40.662 ug/ml
10) T n-Eicosane (C20)	12.865	5776563	43.062 ug/ml
11) T n-Heneicosane (C21)	13.476	5581237	42.476 ug/ml
13) T n-Docosane (C22)	14.061	5572846	42.797 ug/ml
14) T n-Tetracosane (C24)	15.159	10873313	83.263 ug/ml
15) T n-Hexacosane (C26)	16.183	5394604	42.165 ug/ml
16) T n-Octacosane (C28)	17.131	6307561	48.968 ug/ml
17) T n-Tricontane (C30)	18.018	5567002	41.631 ug/ml
18) T n-Dotriacontane (C32)	18.849	5620095	42.175 ug/ml
19) T n-Tetratriacontane (C34)	19.632	5768768	46.688 ug/ml
20) T n-Hexatriacontane (C36)	20.371	5761596	51.930 ug/mlm
21) T n-Octatriacontane (C38)	21.099	5858935	53.128 ug/mlm
22) T n-Tetracontane (C40)	21.991	5554525	51.046 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P3947-01MSD
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ALS Vial : 13 Sample Multiplier: 1

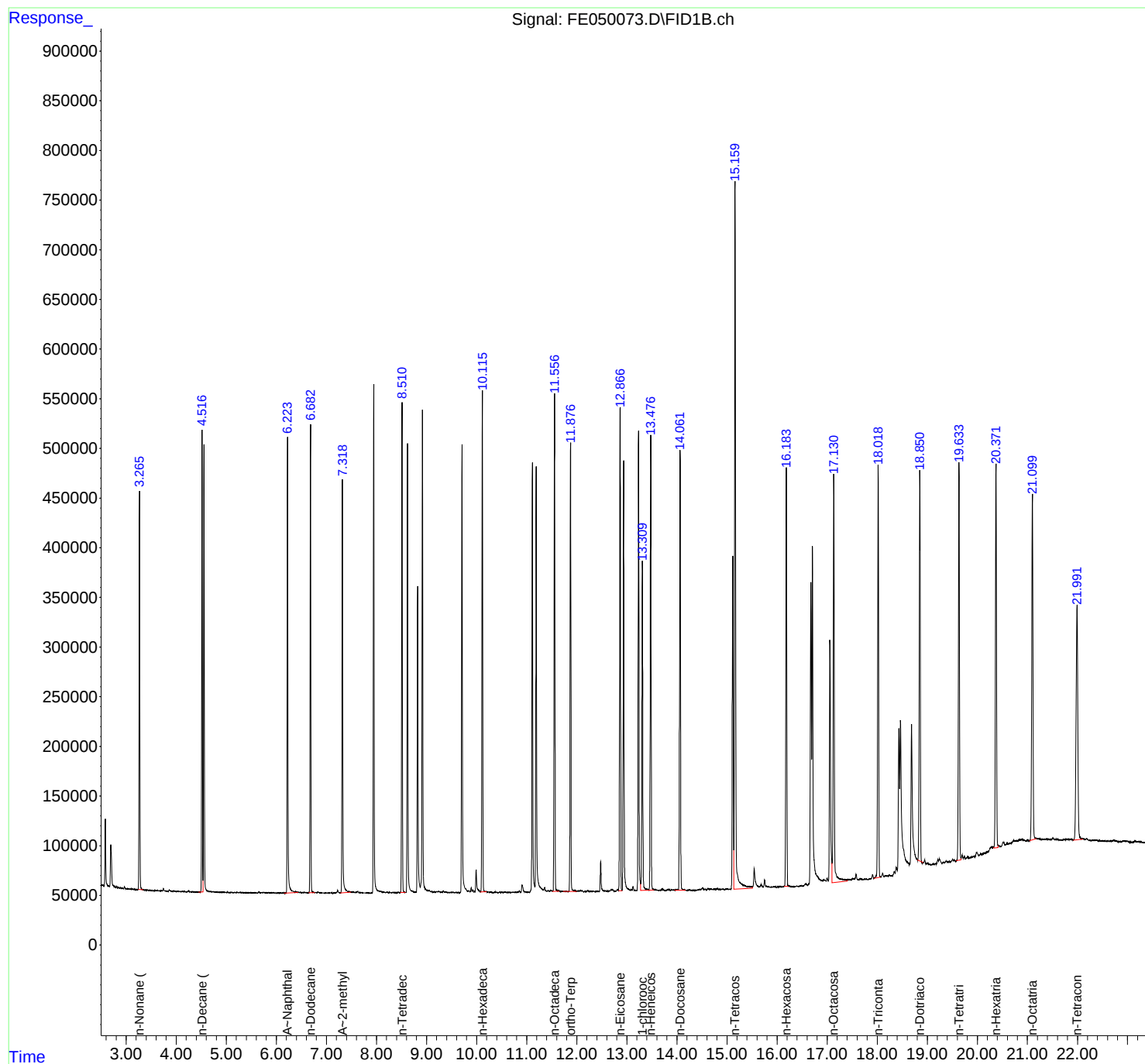
Instrument :
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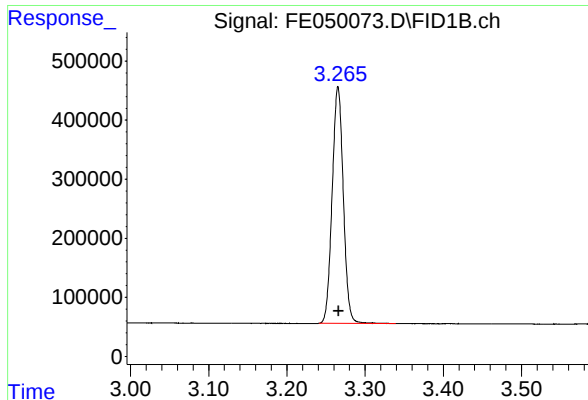
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





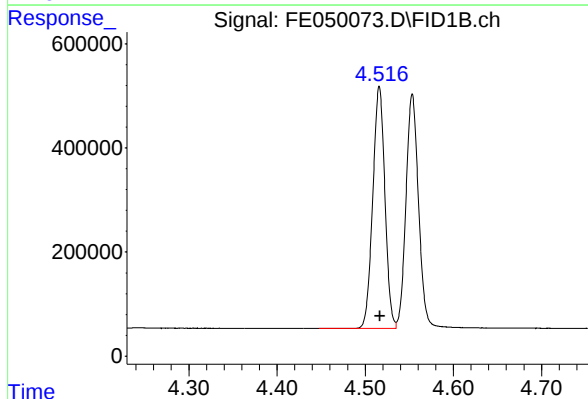
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.000 min
Response: 3959823
Conc: 29.21 ug/ml

Instrument :
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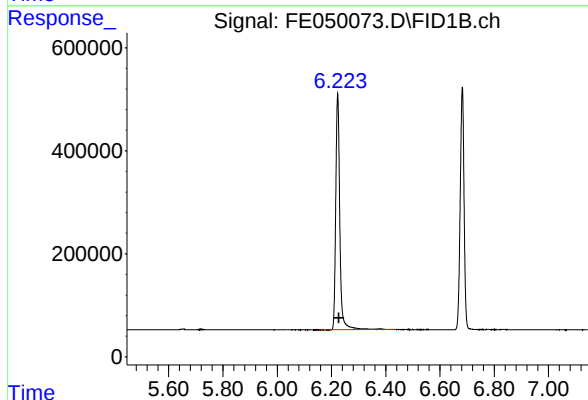
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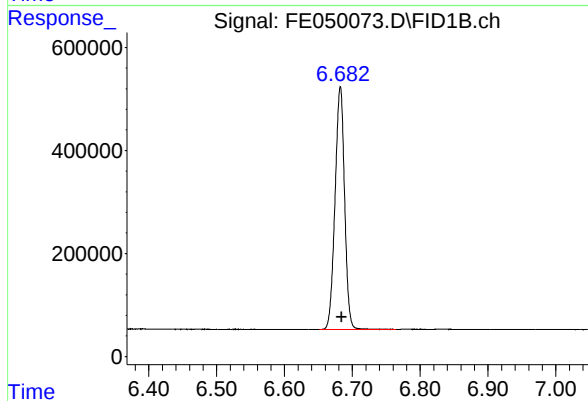
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 4439358
Conc: 32.17 ug/ml



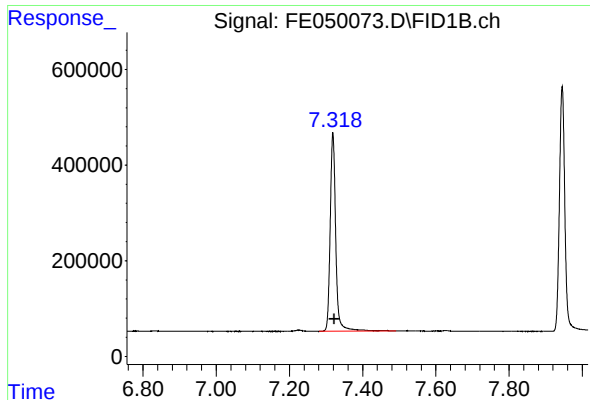
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 4783123
Conc: 34.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 4607421
Conc: 33.32 ug/ml



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

R.T.: 7.319 min
Delta R.T.: -0.004 min
Response: 4393870
Conc: 33.43 ug/ml

Instrument :

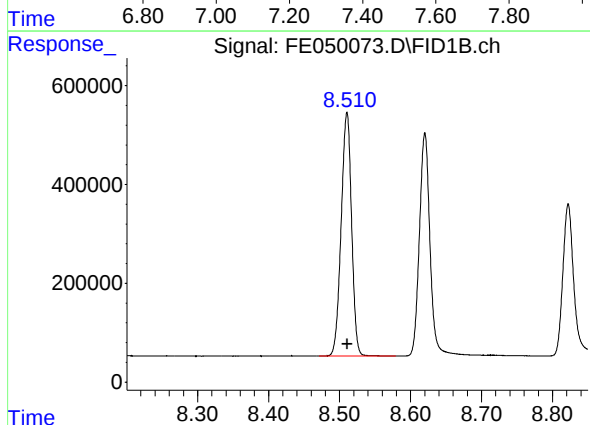
FID_E

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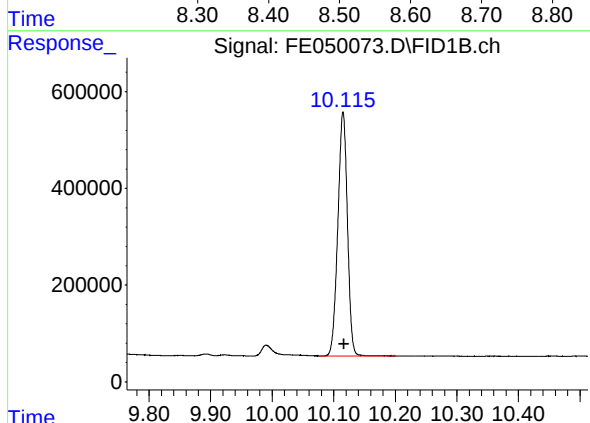
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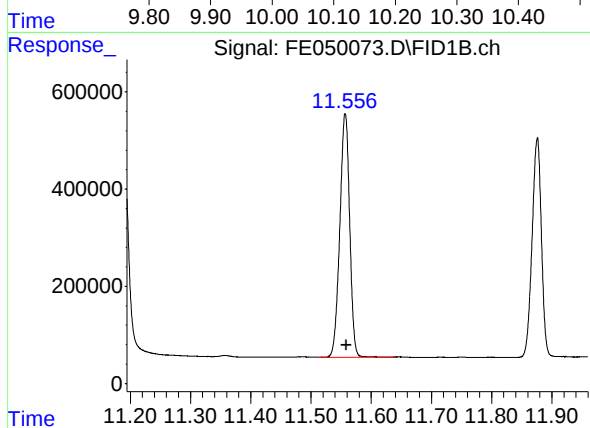
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 5010484
Conc: 36.80 ug/ml



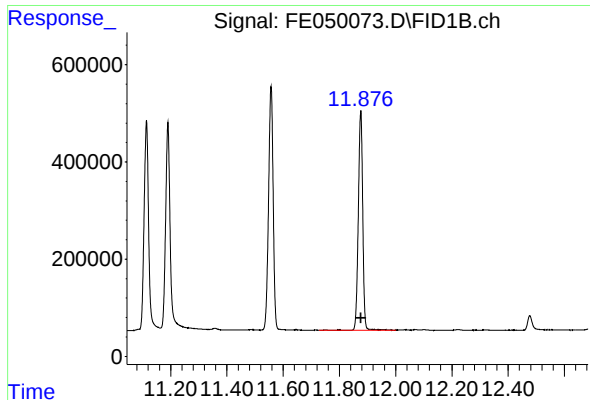
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.002 min
Response: 5450072
Conc: 39.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.002 min
Response: 5696792
Conc: 40.66 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.001 min
Response: 4894067
Conc: 32.89 ug/ml

Instrument :

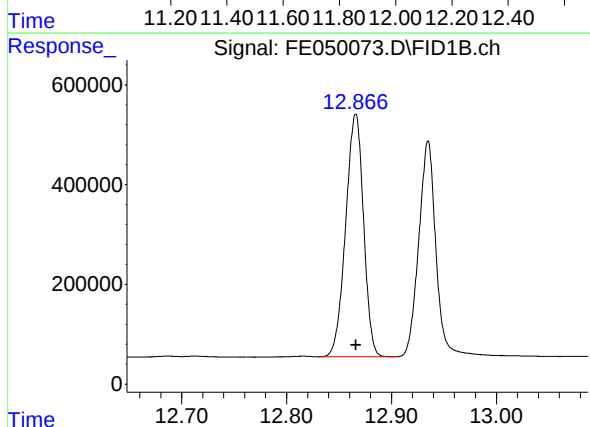
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ClientSampleId :

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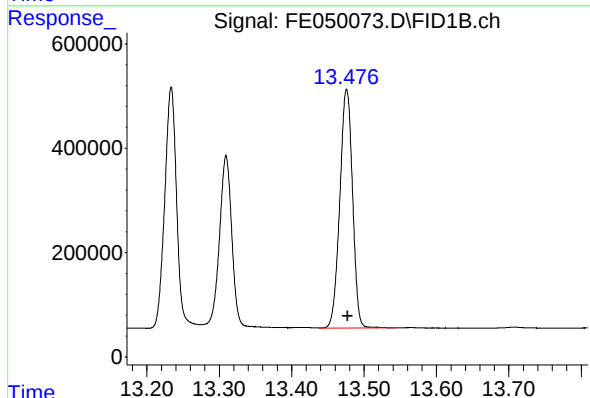
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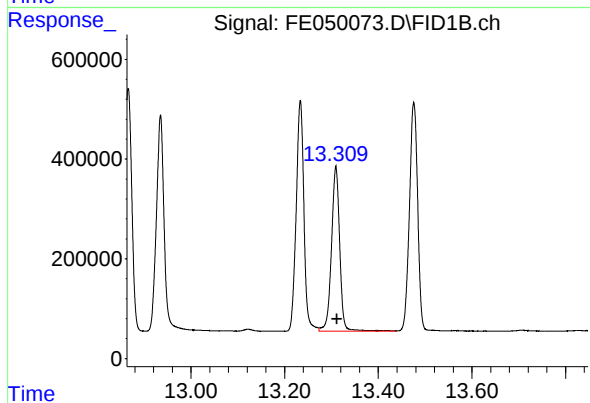
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: 0.000 min
Response: 5776563
Conc: 43.06 ug/ml



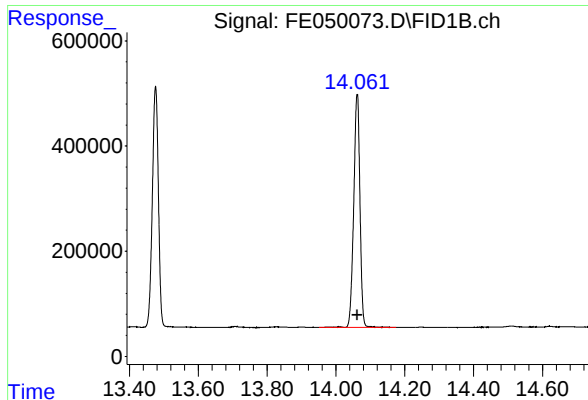
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.002 min
Response: 5581237
Conc: 42.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 4032341
Conc: 35.90 ug/ml



#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 5572846
Conc: 42.80 ug/ml

Instrument :

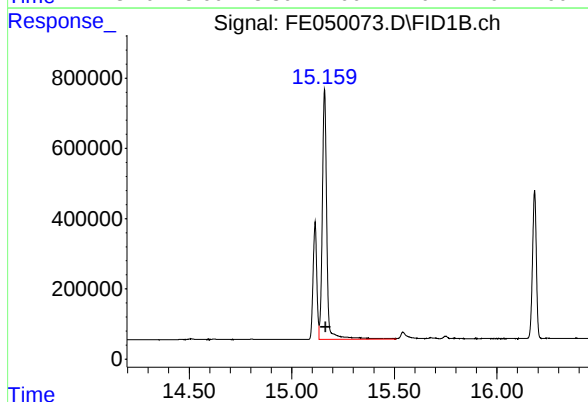
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ClientSampleId :

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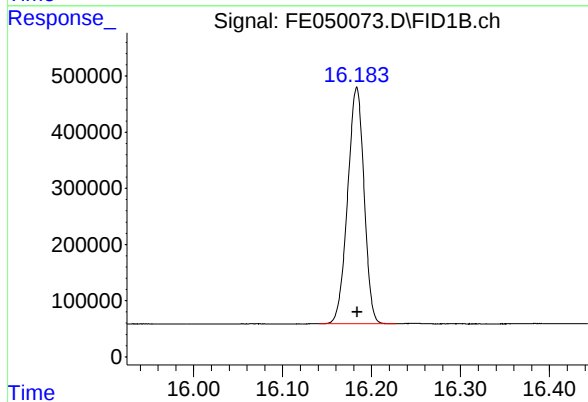
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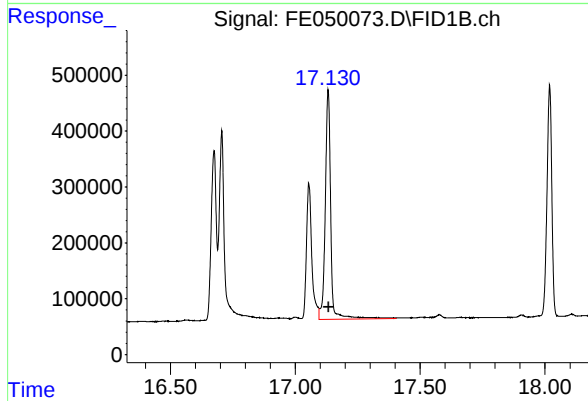
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.005 min
Response: 10873313
Conc: 83.26 ug/ml



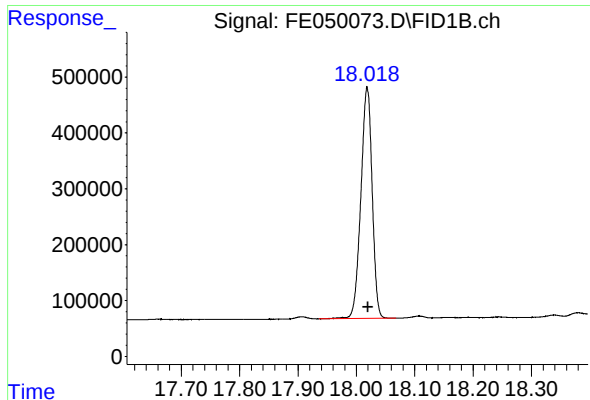
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 5394604
Conc: 42.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.003 min
Response: 6307561
Conc: 48.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.002 min
Response: 5567002
Conc: 41.63 ug/ml

Instrument :

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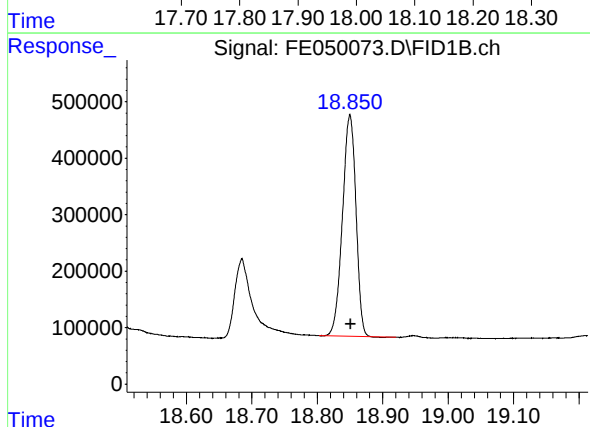
ClientSampleId :

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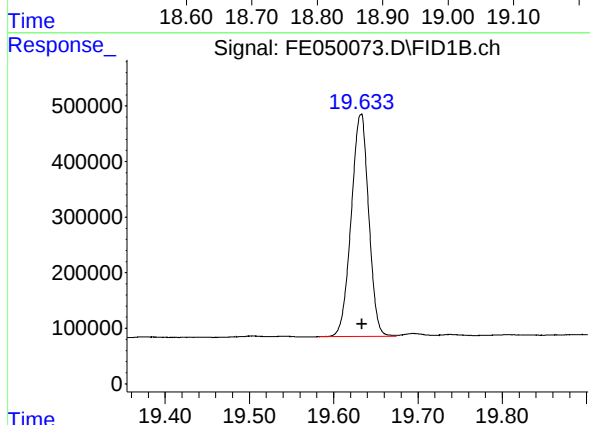
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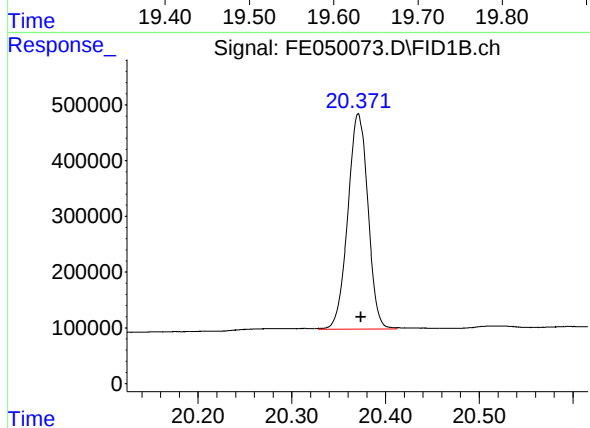
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.002 min
Response: 5620095
Conc: 42.17 ug/ml



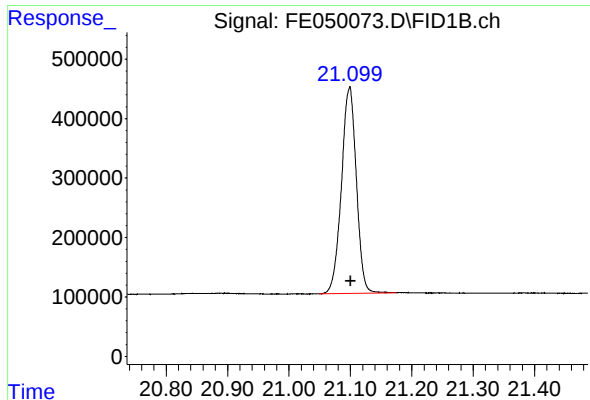
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.002 min
Response: 5768768
Conc: 46.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.003 min
Response: 5761596
Conc: 51.93 ug/ml m



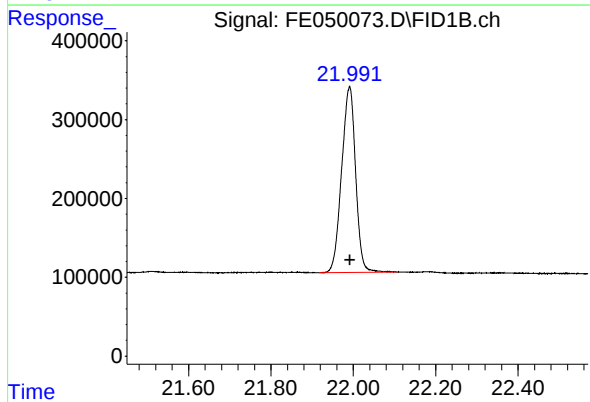
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.002 min
Response: 5858935
Conc: 53.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.002 min
Response: 5554525
Conc: 51.05 ug/ml m