

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072524AL\
 Data File : FE049252.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2024 13:51
 Operator : YP\AJ
 Sample : PB162272BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162272BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2024
 Supervised By :Ankita Jodhani 07/26/2024

Integration File: sample.E
 Quant Time: Jul 26 01:39:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.909	7440265	47.970 ug/ml
Spiked Amount 50.000		Recovery =	95.94%
12) S 1-chlorooctadecane (S...	13.343	5804027	49.677 ug/ml
Spiked Amount 50.000		Recovery =	99.35%
Target Compounds			
1) T n-Nonane (C9)	3.304	4699645	31.250 ug/ml
2) T n-Decane (C10)	4.550	4959257	32.109 ug/ml
3) T A~Naphthalene (C11.7)	6.253	5547239	35.604 ug/ml
4) T n-Dodecane (C12)	6.713	5036367	32.708 ug/ml
5) T A~2-methylnaphthalene...	7.348	5710273	39.238 ug/ml
6) T n-Tetradecane (C14)	8.541	5785885	38.122 ug/ml
7) T n-Hexadecane (C16)	10.147	6545680	43.162 ug/ml
8) T n-Octadecane (C18)	11.590	6831914	44.997 ug/ml
10) T n-Eicosane (C20)	12.899	6874258	47.537 ug/ml
11) T n-Heneicosane (C21)	13.510	6659644	46.962 ug/ml
13) T n-Docosane (C22)	14.096	6616762	47.096 ug/ml
14) T n-Tetracosane (C24)	15.191	12101414	86.345 ug/ml
15) T n-Hexacosane (C26)	16.218	6593571	47.023 ug/ml
16) T n-Octacosane (C28)	17.167	6776746	48.417 ug/ml
17) T n-Tricontane (C30)	18.055	6705472	45.968 ug/ml
18) T n-Dotriacontane (C32)	18.885	6748218	45.894 ug/ml
19) T n-Tetratriacontane (C34)	19.670	6911046	47.314 ug/ml
20) T n-Hexatriacontane (C36)	20.407	7076935	49.091 ug/mlm
21) T n-Octatriacontane (C38)	21.139	7453354	49.792 ug/ml
22) T n-Tetracontane (C40)	22.044	7300692	48.379 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

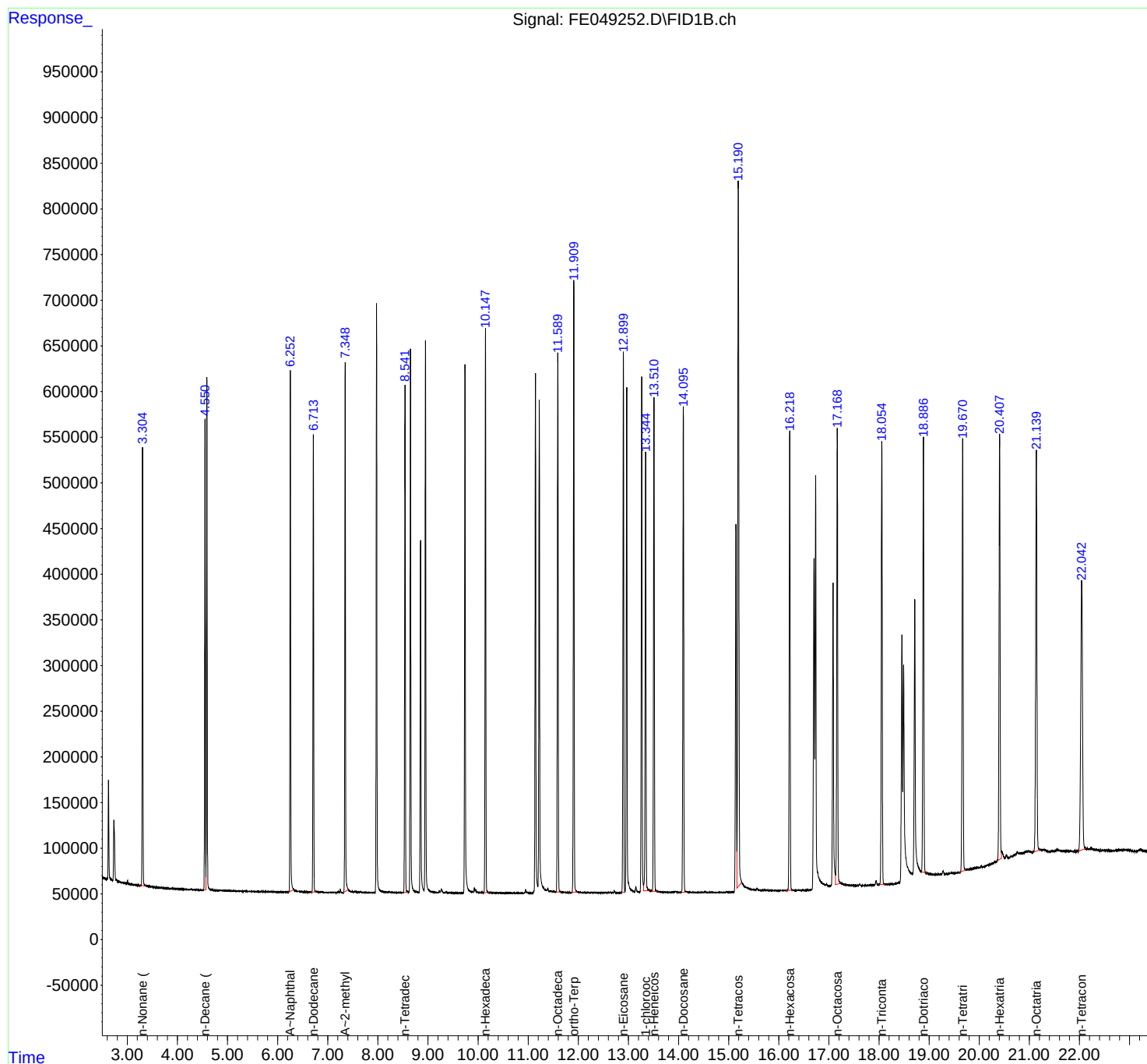
Instrument :
FID_E
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PB162272BSD

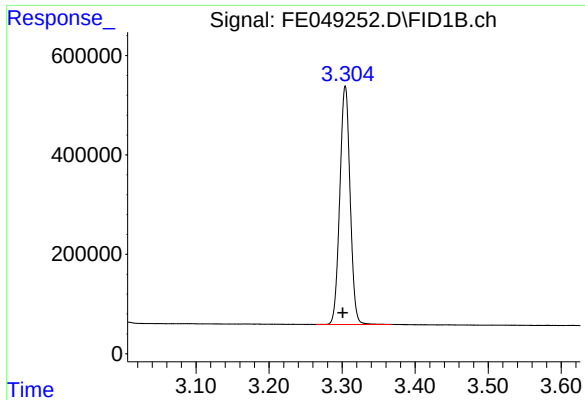
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#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: 0.003 min
Response: 4699645
Conc: 31.25 ug/ml

Instrument :

FID_E

ClientSampleId :

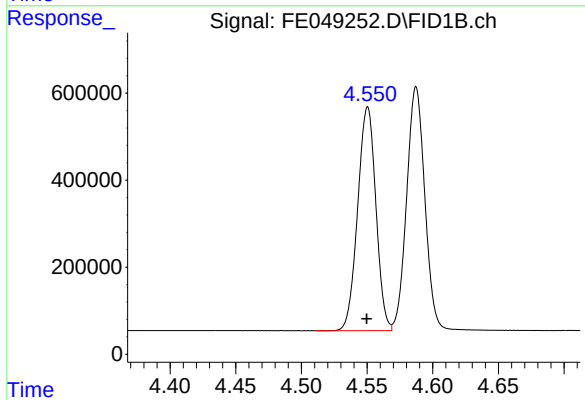
PB162272BSD

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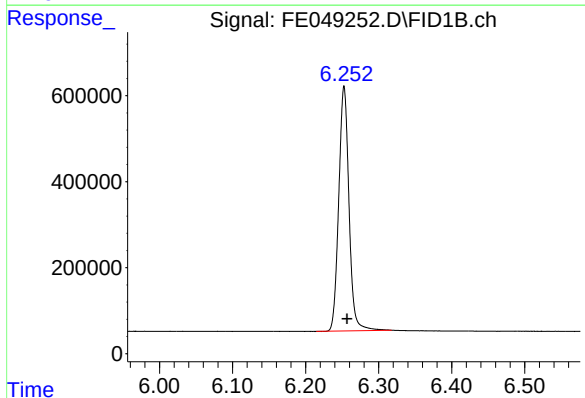
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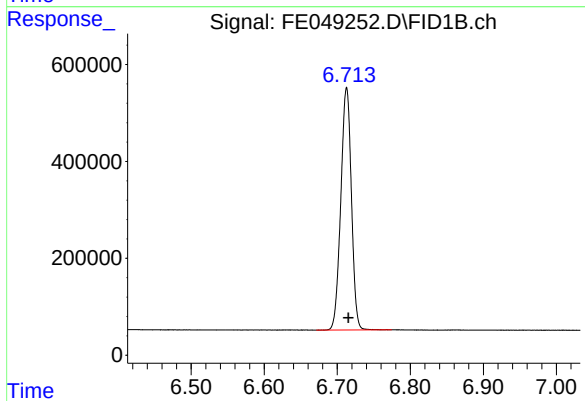
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 4959257
Conc: 32.11 ug/ml



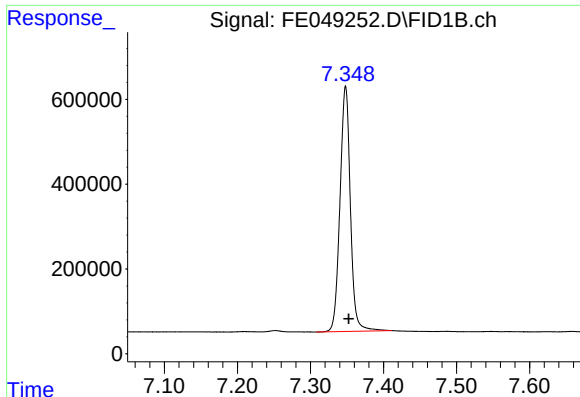
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 5547239
Conc: 35.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 5036367
Conc: 32.71 ug/ml



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

R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 5710273
Conc: 39.24 ug/ml

Instrument :

FID_E

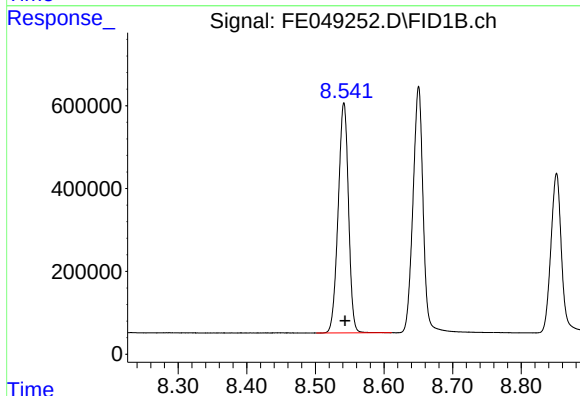
ClientSampleId :

PB162272BSD

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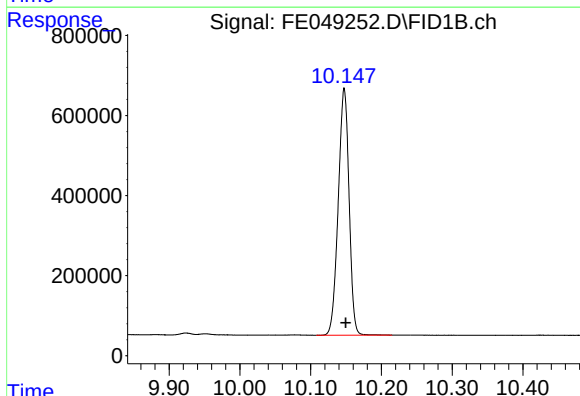
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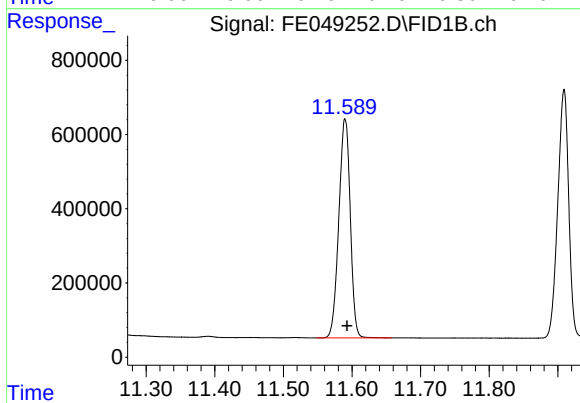
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: -0.002 min
Response: 5785885
Conc: 38.12 ug/ml



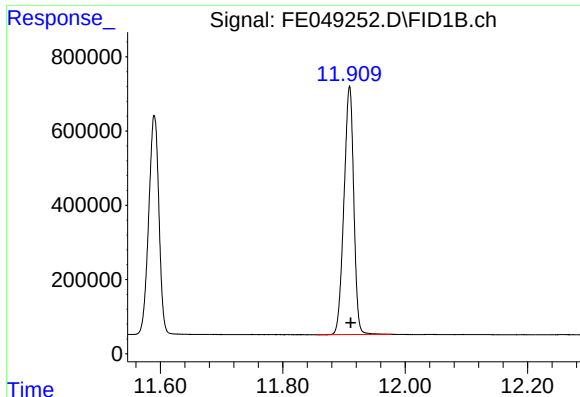
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.002 min
Response: 6545680
Conc: 43.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 6831914
Conc: 45.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.002 min
Response: 7440265
Conc: 47.97 ug/ml

Instrument :

FID_E

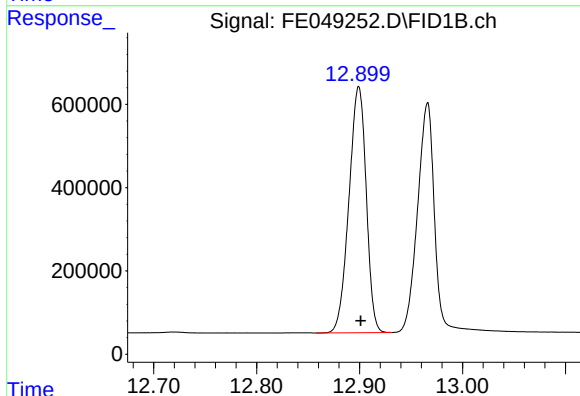
ClientSampleId :

PB162272BSD

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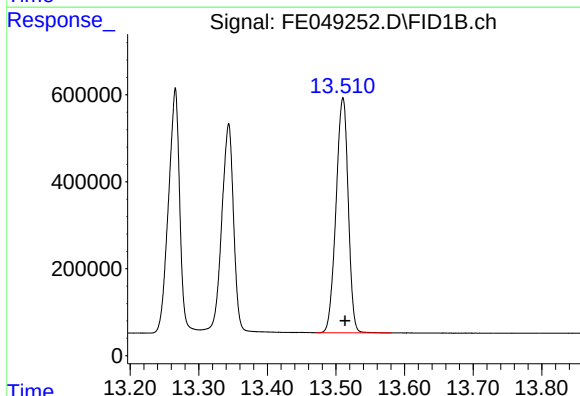
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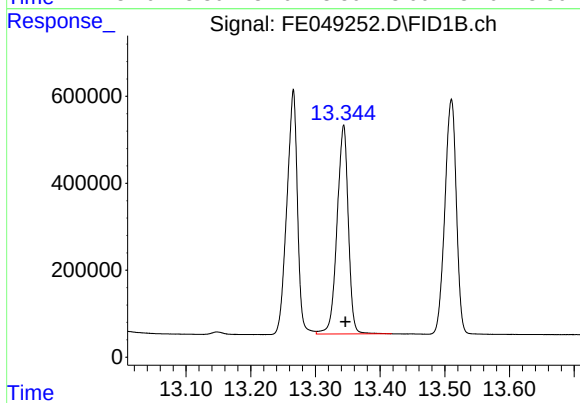
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.002 min
Response: 6874258
Conc: 47.54 ug/ml



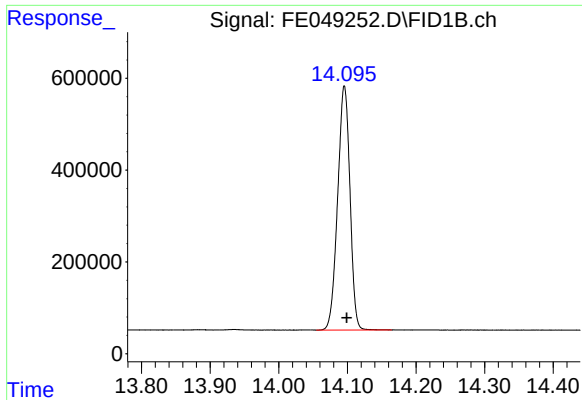
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 6659644
Conc: 46.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.003 min
Response: 5804027
Conc: 49.68 ug/ml



#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.003 min
Response: 6616762
Conc: 47.10 ug/ml

Instrument :

FID_E

ClientSampleId :

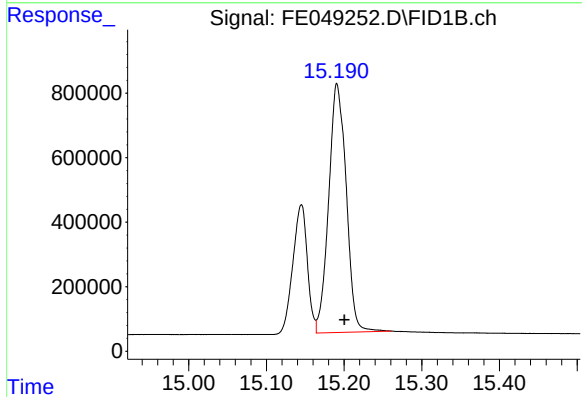
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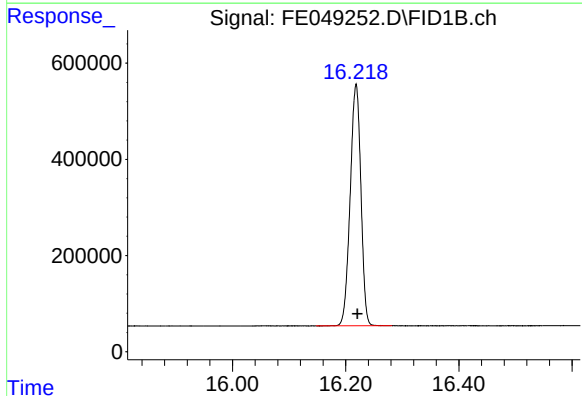
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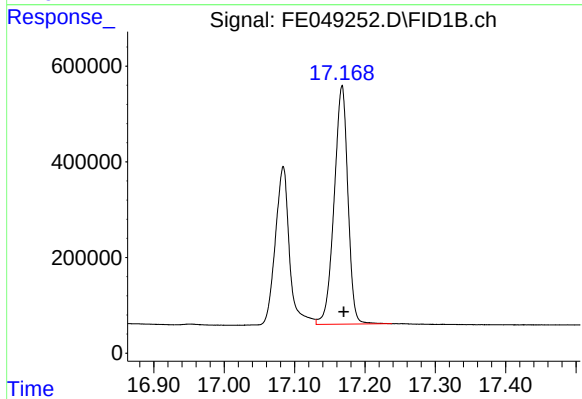
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.009 min
Response: 12101414
Conc: 86.35 ug/ml



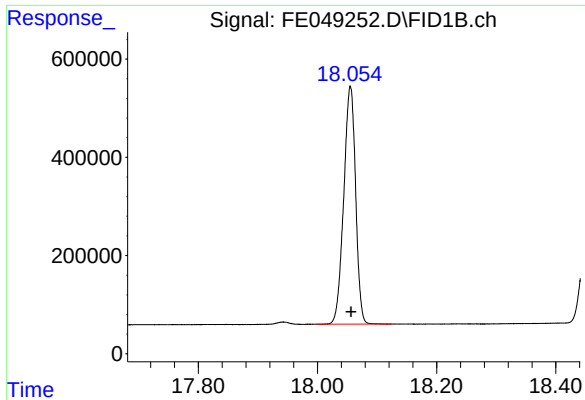
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.003 min
Response: 6593571
Conc: 47.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.003 min
Response: 6776746
Conc: 48.42 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.001 min
Response: 6705472
Conc: 45.97 ug/ml

Instrument :

FID_E

ClientSampleId :

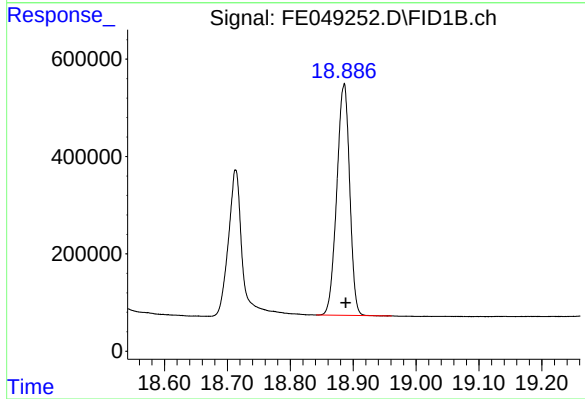
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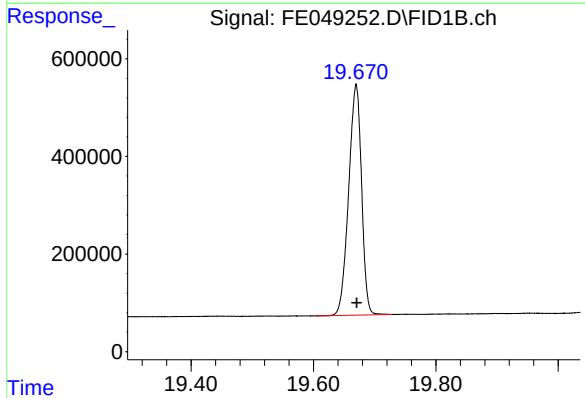
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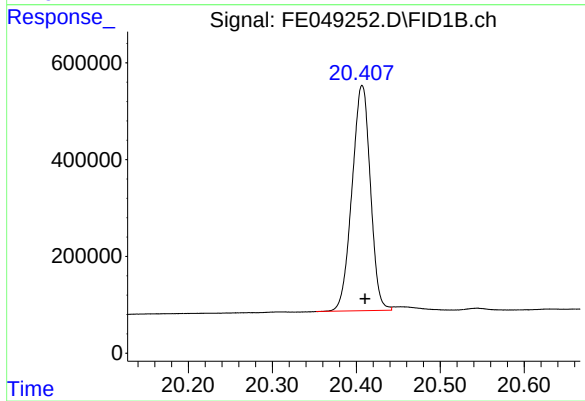
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.003 min
Response: 6748218
Conc: 45.89 ug/ml



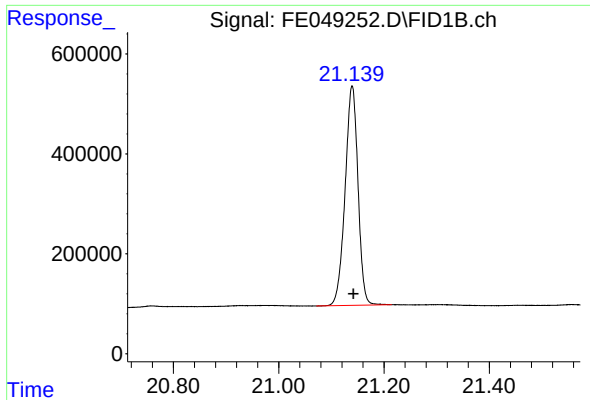
#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.001 min
Response: 6911046
Conc: 47.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: -0.004 min
Response: 7076935
Conc: 49.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.002 min
Response: 7453354
Conc: 49.79 ug/ml

Instrument :

FID_E

ClientSampleId :

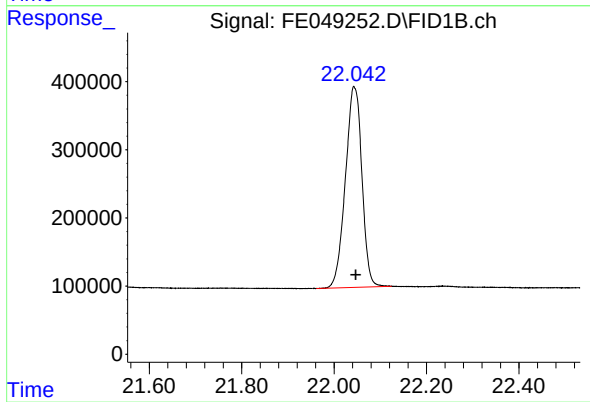
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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.003 min
Response: 7300692
Conc: 48.38 ug/ml