

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070522AL\
 Data File : FE036371.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2022 19:30
 Operator : YP\AJ
 Sample : N3572-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 03:50:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.877	7667571	38.377 ug/ml
Spiked Amount 50.000		Recovery =	76.75%
12) S 1-chlorooctadecane (S...	13.314	6201474	40.057 ug/ml
Spiked Amount 50.000		Recovery =	80.11%
Target Compounds			
1) T n-Nonane (C9)	3.266	5944518	33.051 ug/ml
2) T n-Decane (C10)	4.521	6632102	36.894 ug/ml
3) T A~Naphthalene (C11.7)	6.222	8104461	40.394 ug/ml
4) T n-Dodecane (C12)	6.687	7453217	40.239 ug/ml
5) T A~2-methylnaphthalene...	7.318	8201693	40.289 ug/ml
6) T n-Tetradecane (C14)	8.516	8058533	43.104 ug/ml
7) T n-Hexadecane (C16)	10.121	8562428	45.722 ug/ml
8) T n-Octadecane (C18)	11.564	8947633	48.094 ug/ml
10) T n-Eicosane (C20)	12.872	8658093	47.792 ug/ml
11) T n-Heneicosane (C21)	13.483	8443533	47.005 ug/ml
13) T n-Docosane (C22)	14.070	8428215	47.671 ug/ml
14) T n-Tetracosane (C24)	15.165	5612375	32.768 ug/mlm
15) T n-Hexacosane (C26)	16.192	7938021	48.045 ug/ml
16) T n-Octacosane (C28)	17.140	7874277	49.191 ug/ml
17) T n-Tricontane (C30)	18.030	7689087	49.664 ug/ml
18) T n-Dotriacontane (C32)	18.861	7614227	52.104 ug/ml
19) T n-Tetratriacontane (C34)	19.643	7781455	56.232 ug/ml
20) T n-Hexatriacontane (C36)	20.383	7149707	53.258 ug/ml
21) T n-Octatriacontane (C38)	21.113	7089654	53.310 ug/ml
22) T n-Tetracontane (C40)	22.010	8968556	64.141 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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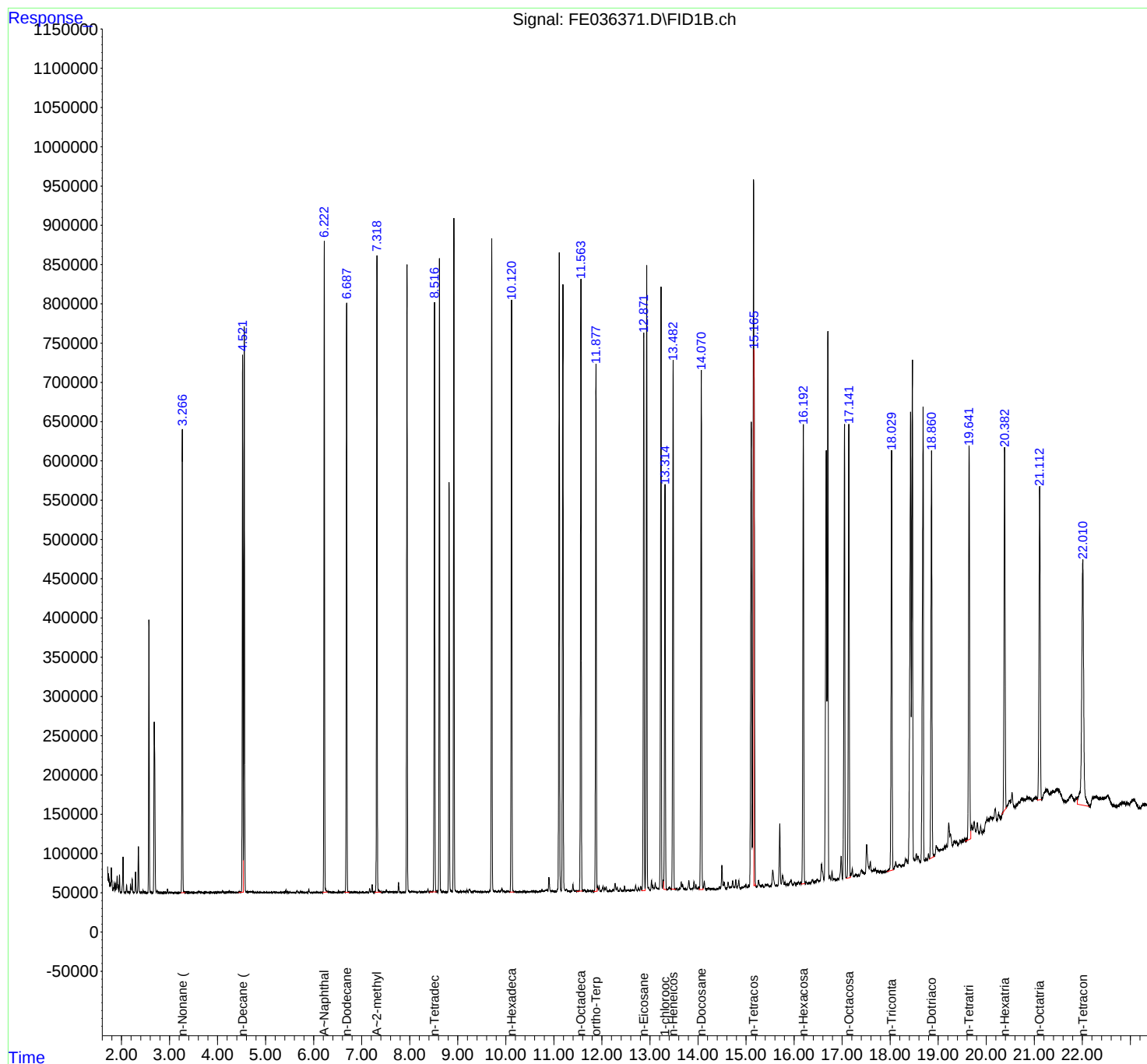
Instrument :
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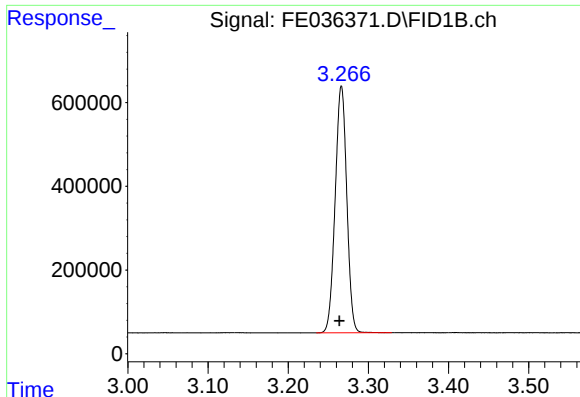
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#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 5944518
Conc: 33.05 ug/ml

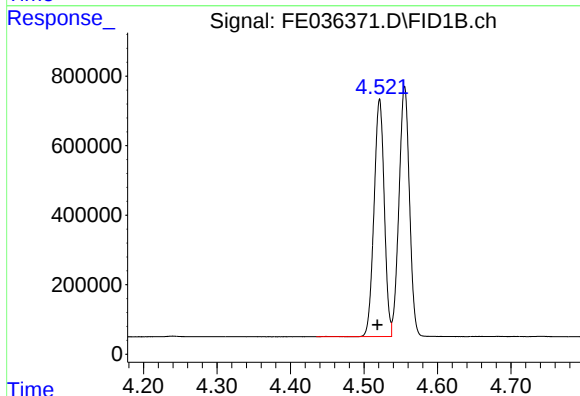
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FID_E

ClientSampleId :

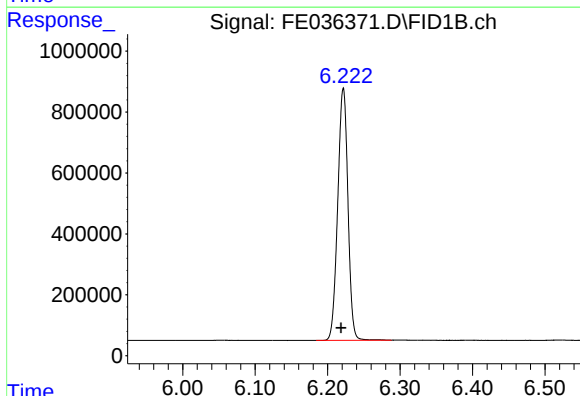
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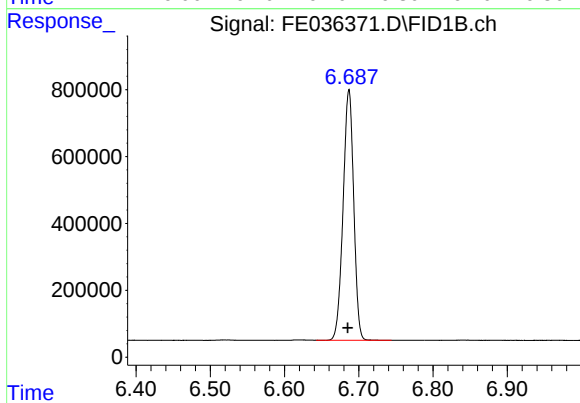
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 6632102
Conc: 36.89 ug/ml



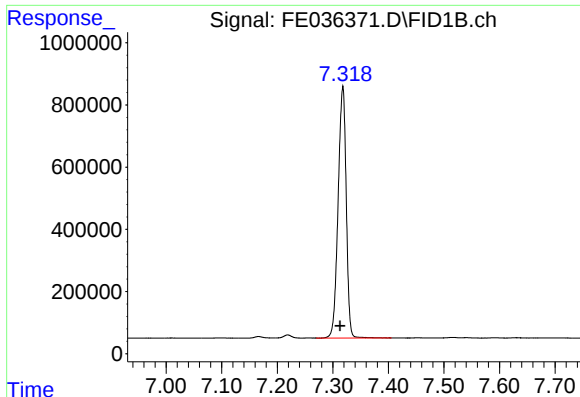
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.003 min
Response: 8104461
Conc: 40.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 7453217
Conc: 40.24 ug/ml



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

R.T.: 7.318 min
Delta R.T.: 0.005 min
Response: 8201693
Conc: 40.29 ug/ml

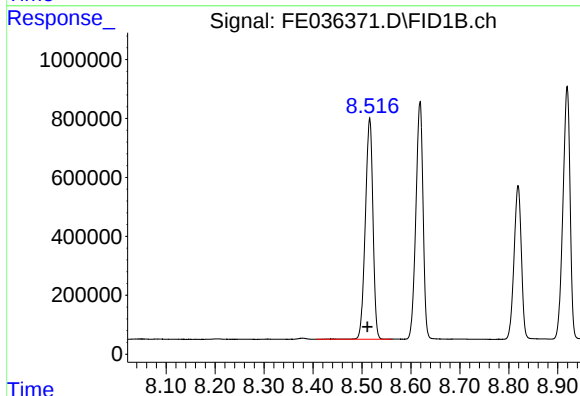
Instrument :

FID_E

ClientSampleId :

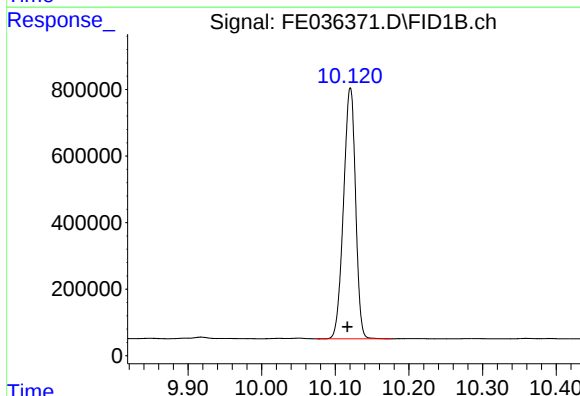
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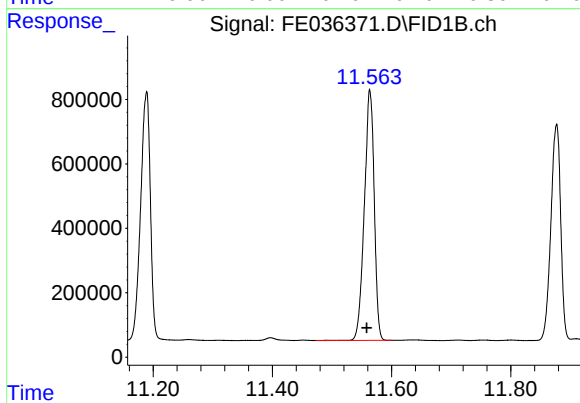
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.005 min
Response: 8058533
Conc: 43.10 ug/ml



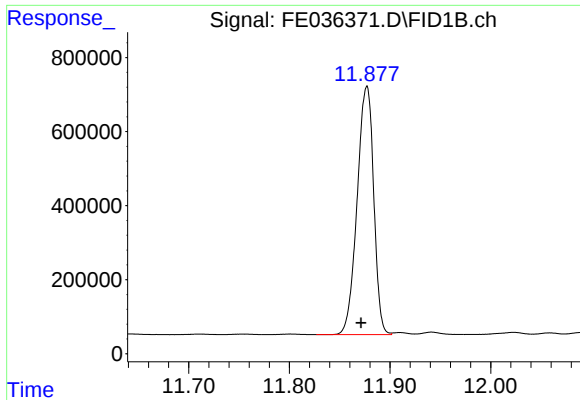
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.004 min
Response: 8562428
Conc: 45.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: 0.005 min
Response: 8947633
Conc: 48.09 ug/ml



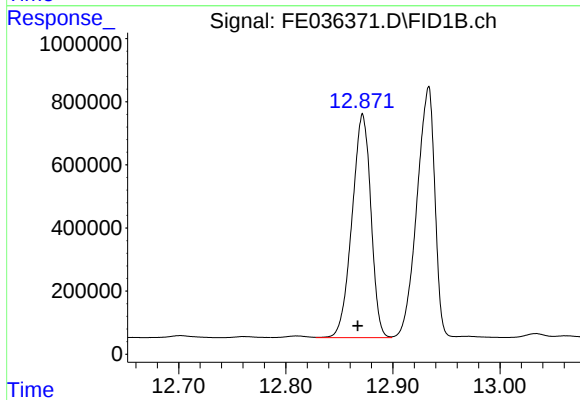
#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: 0.006 min
Response: 7667571
Conc: 38.38 ug/ml

Instrument :
FID_E
ClientSampleId :

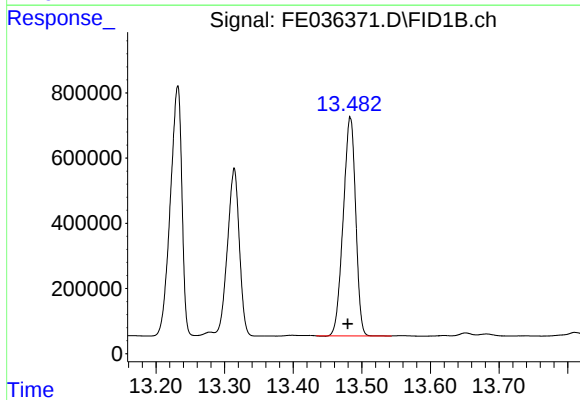
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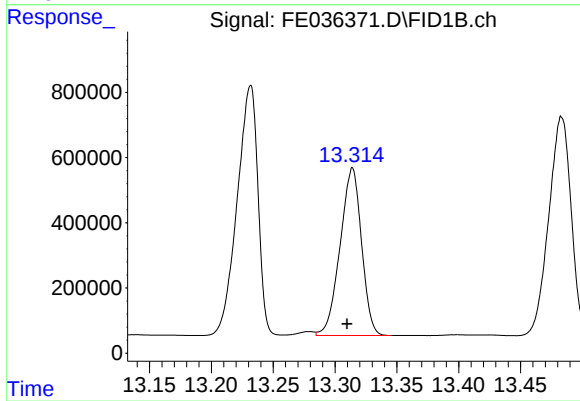
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.004 min
Response: 8658093
Conc: 47.79 ug/ml



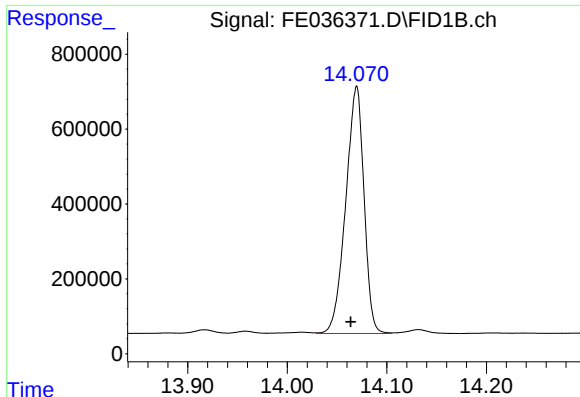
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.004 min
Response: 8443533
Conc: 47.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: 0.004 min
Response: 6201474
Conc: 40.06 ug/ml



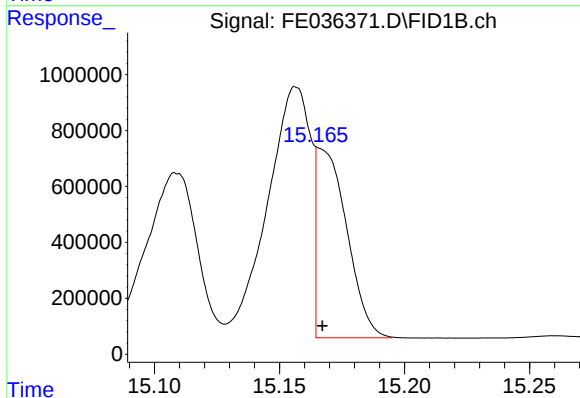
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.006 min
Response: 8428215
Conc: 47.67 ug/ml

Instrument :
FID_E
ClientSampleId :

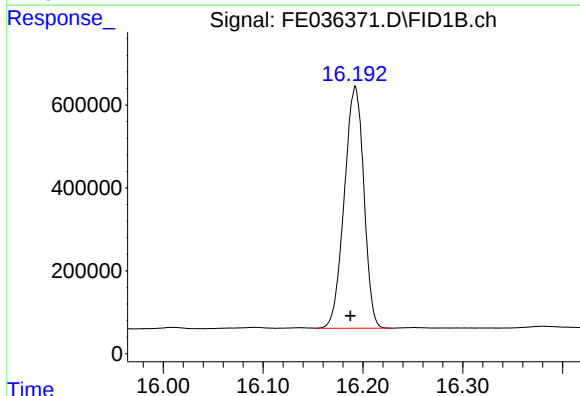
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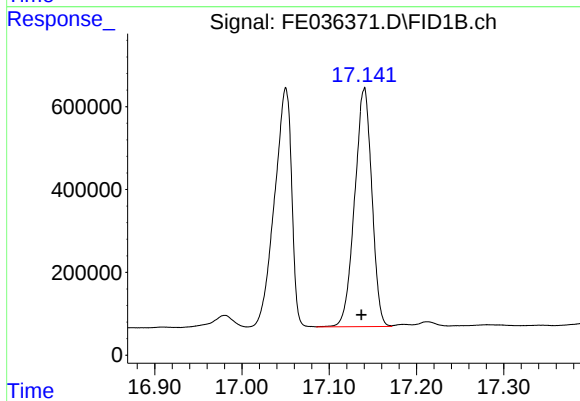
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.003 min
Response: 5612375
Conc: 32.77 ug/ml m



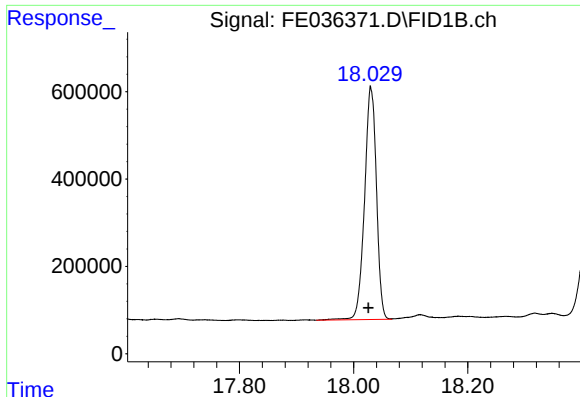
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.005 min
Response: 7938021
Conc: 48.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: 0.003 min
Response: 7874277
Conc: 49.19 ug/ml



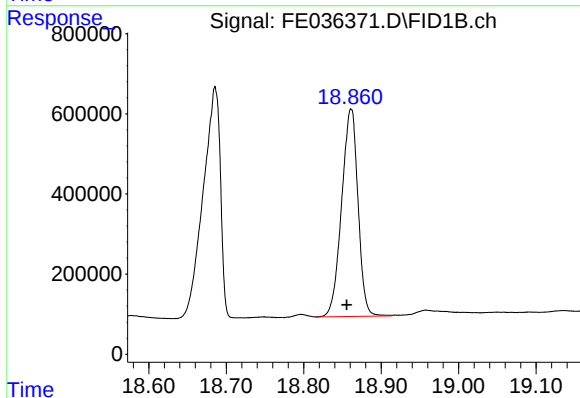
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.005 min
Response: 7689087
Conc: 49.66 ug/ml

Instrument :
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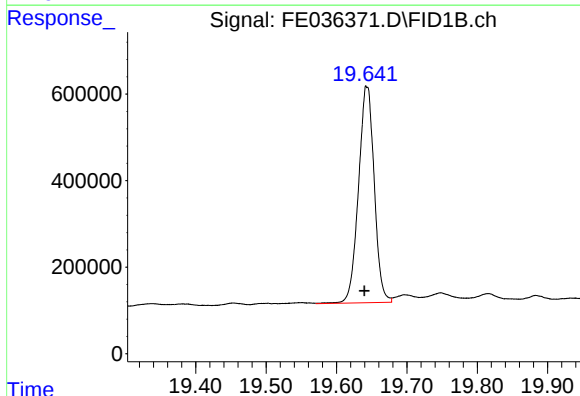
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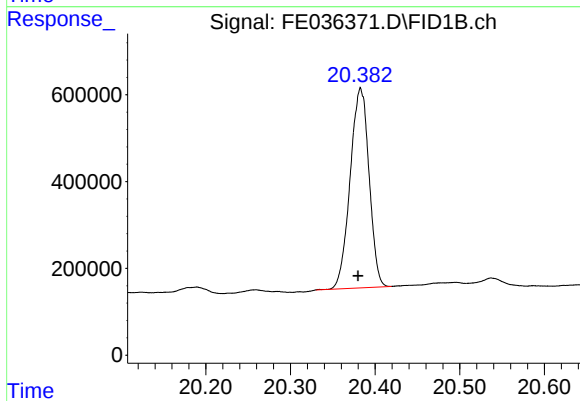
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.006 min
Response: 7614227
Conc: 52.10 ug/ml



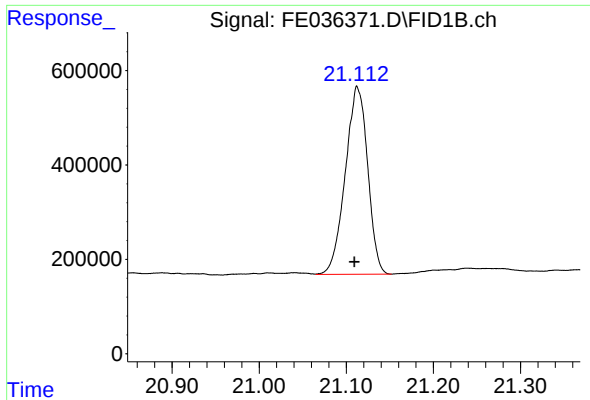
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: 0.004 min
Response: 7781455
Conc: 56.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.003 min
Response: 7149707
Conc: 53.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.003 min
Response: 7089654
Conc: 53.31 ug/ml

Instrument :

FID_E

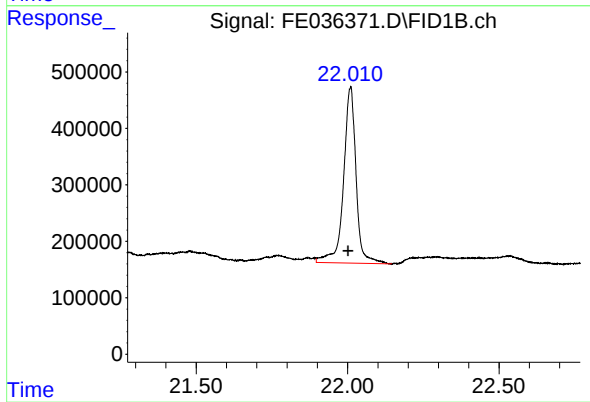
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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.009 min
Response: 8968556
Conc: 64.14 ug/ml