

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071124AL\
 Data File : FE049085.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2024 22:52
 Operator : YP\AJ
 Sample : P3193-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FILL-MATERIAL-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 01:32:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.922	3913616	23.405 ug/ml
Spiked Amount 50.000		Recovery =	46.81%
12) S 1-chlorooctadecane (S...	13.356	3381394	26.296 ug/ml
Spiked Amount 50.000		Recovery =	52.59%
Target Compounds			
1) T n-Nonane (C9)	3.312	3663537	24.368 ug/ml
2) T n-Decane (C10)	4.560	4465404	29.017 ug/ml
3) T A~Naphthalene (C11.7)	6.265	5306863	33.428 ug/ml
4) T n-Dodecane (C12)	6.725	5134931	33.263 ug/ml
5) T A~2-methylnaphthalene...	7.362	5721040	37.778 ug/ml
6) T n-Tetradecane (C14)	8.555	5752684	37.534 ug/ml
7) T n-Hexadecane (C16)	10.161	5980984	38.252 ug/ml
8) T n-Octadecane (C18)	11.604	5984557	37.524 ug/ml
10) T n-Eicosane (C20)	12.912	5978913	38.565 ug/ml
11) T n-Heneicosane (C21)	13.524	5765773	37.867 ug/ml
13) T n-Docosane (C22)	14.110	5713062	37.776 ug/ml
14) T n-Tetracosane (C24)	15.206	10689858	71.133 ug/ml
15) T n-Hexacosane (C26)	16.233	5656762	38.317 ug/ml
16) T n-Octacosane (C28)	17.181	5883164	40.794 ug/ml
17) T n-Tricontane (C30)	18.068	5824459	39.812 ug/ml
18) T n-Dotriacontane (C32)	18.900	5993328	41.917 ug/ml
19) T n-Tetratriacontane (C34)	19.682	5954282	43.031 ug/ml
20) T n-Hexatriacontane (C36)	20.421	5852007	45.027 ug/mlm
21) T n-Octatriacontane (C38)	21.153	6136385	47.867 ug/mlm
22) T n-Tetracontane (C40)	22.065	6080038	49.649 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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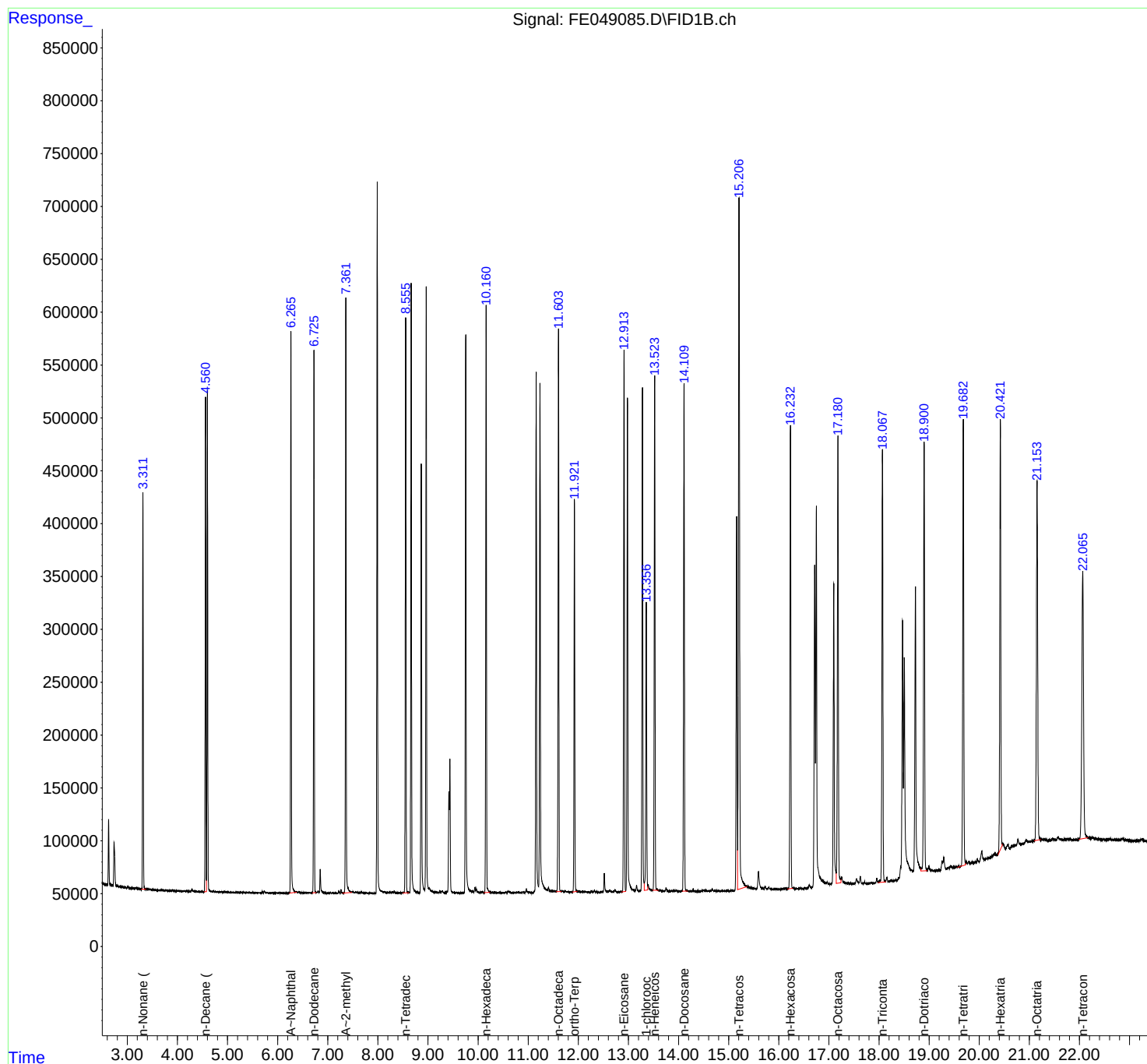
Instrument :
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FILL-MATERIAL-1MSD

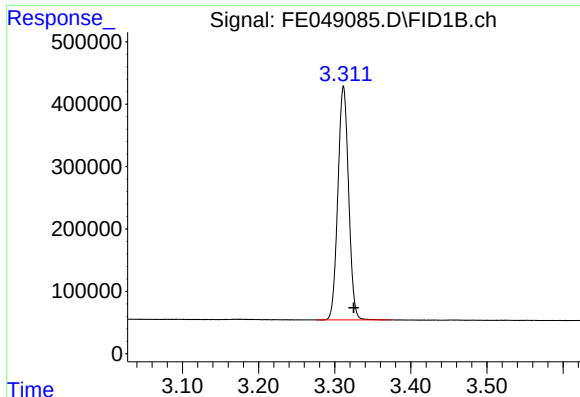
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#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.013 min
Response: 3663537
Conc: 24.37 ug/ml

Instrument :

FID_E

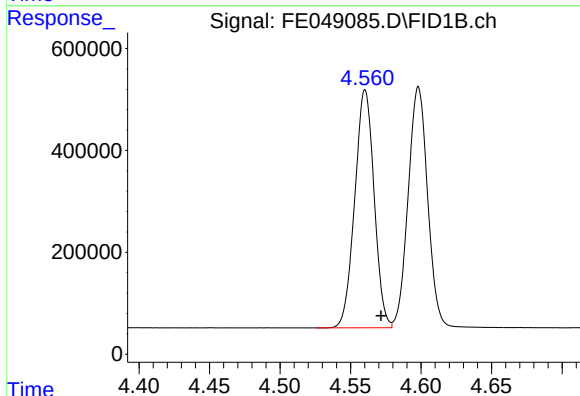
ClientSampleId :

FILL-MATERIAL-1MSD

Manual Integrations

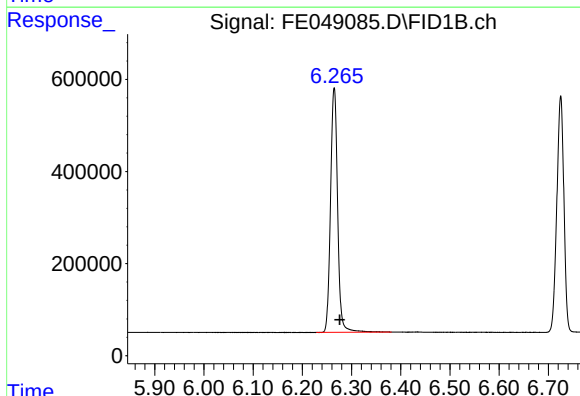
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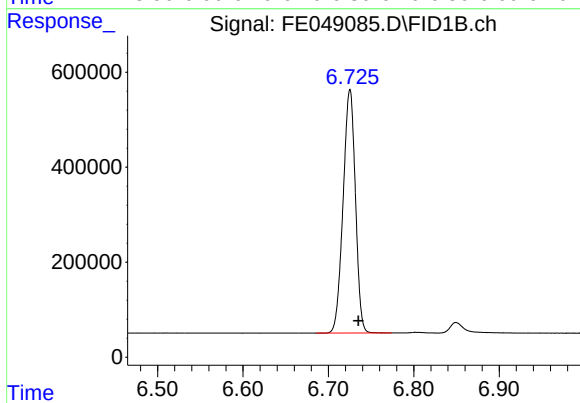
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.011 min
Response: 4465404
Conc: 29.02 ug/ml



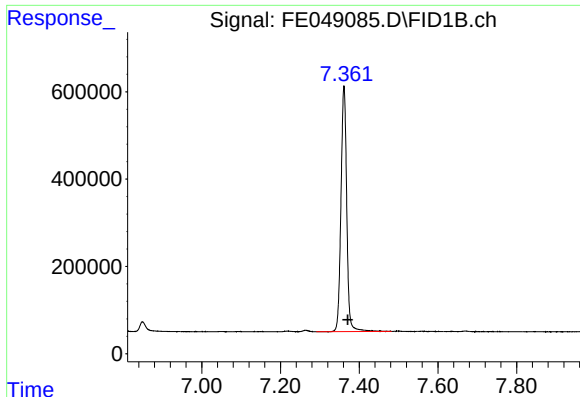
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.011 min
Response: 5306863
Conc: 33.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: -0.010 min
Response: 5134931
Conc: 33.26 ug/ml



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

R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 5721040
Conc: 37.78 ug/ml

Instrument :

FID_E

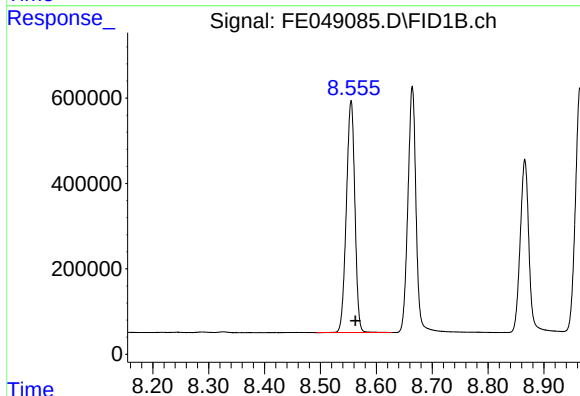
ClientSampleId :

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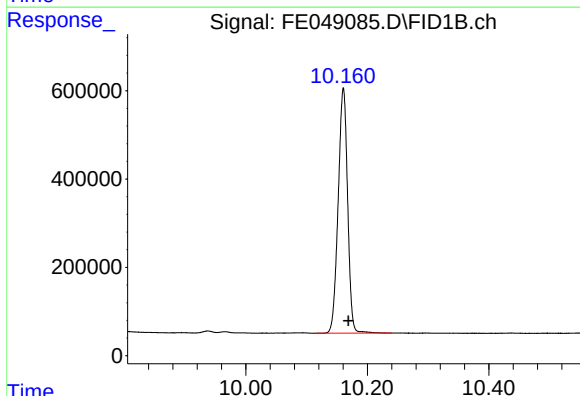
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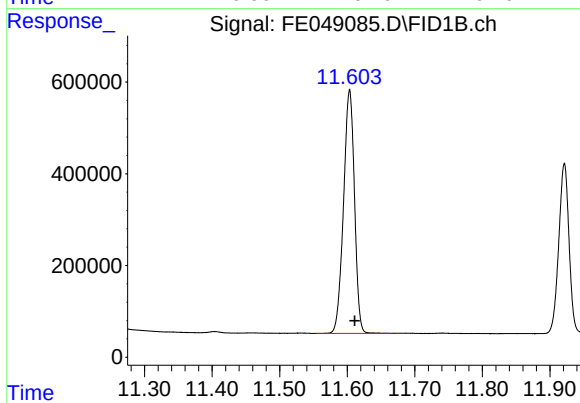
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.007 min
Response: 5752684
Conc: 37.53 ug/ml



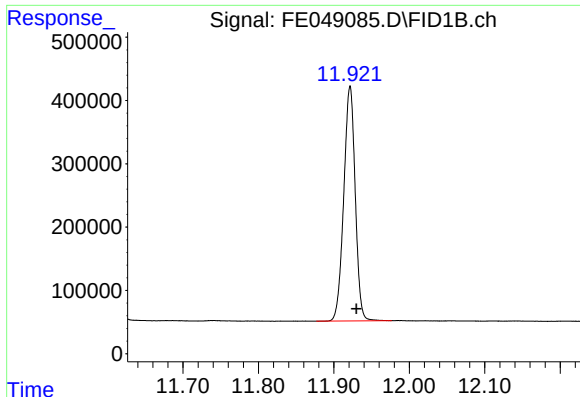
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.008 min
Response: 5980984
Conc: 38.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.007 min
Response: 5984557
Conc: 37.52 ug/ml



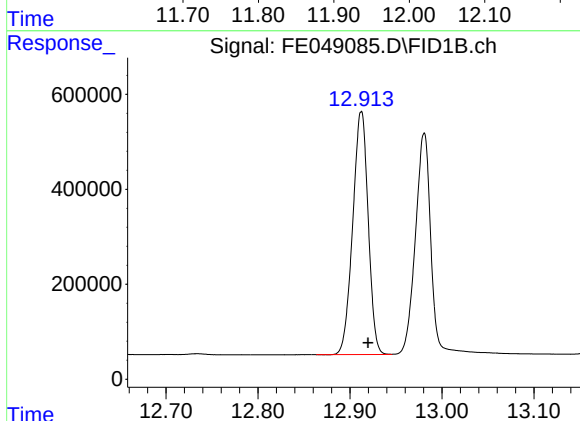
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: -0.008 min
Response: 3913616
Conc: 23.41 ug/ml

Instrument :
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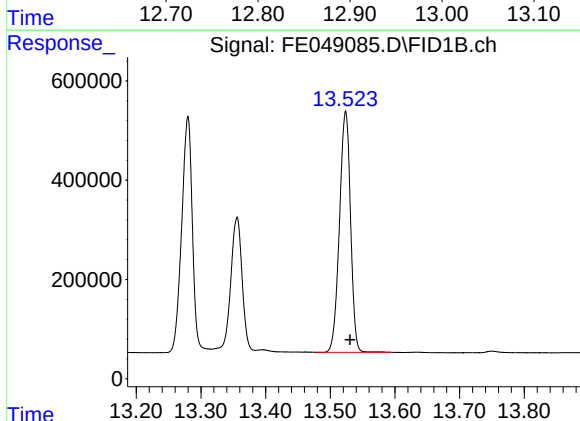
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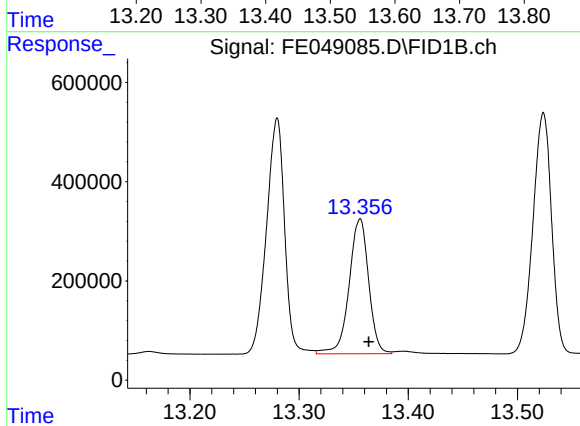
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.007 min
Response: 5978913
Conc: 38.56 ug/ml



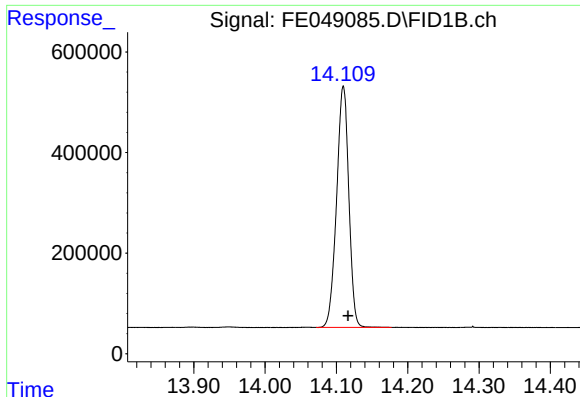
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: -0.007 min
Response: 5765773
Conc: 37.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: -0.008 min
Response: 3381394
Conc: 26.30 ug/ml



#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: -0.007 min
Response: 5713062
Conc: 37.78 ug/ml

Instrument :

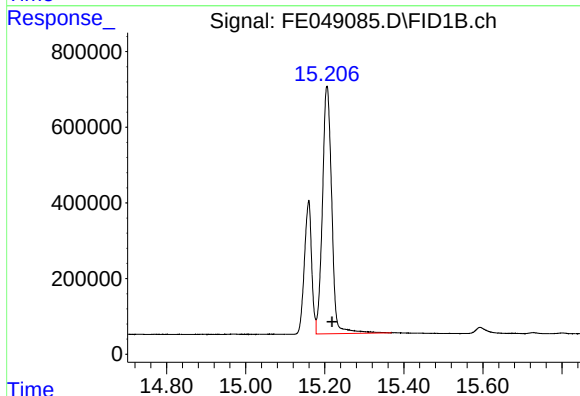
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ClientSampleId :

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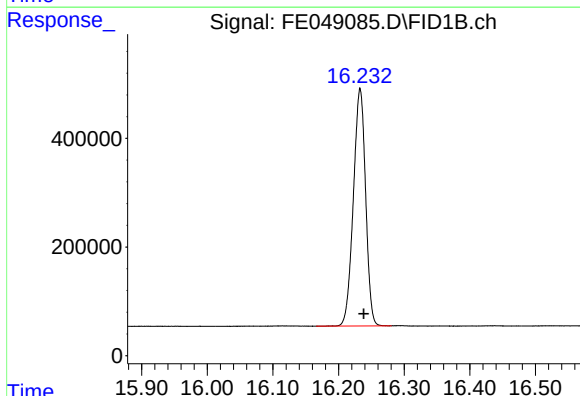
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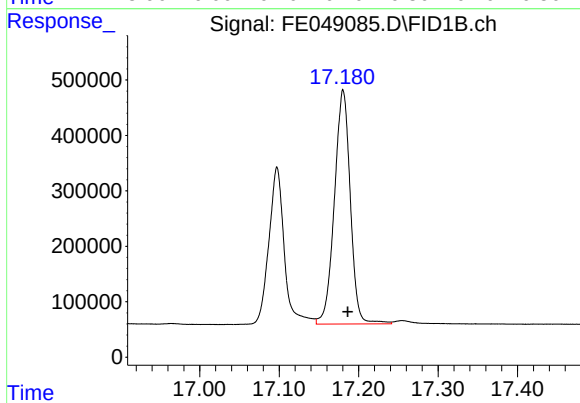
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.013 min
Response: 10689858
Conc: 71.13 ug/ml



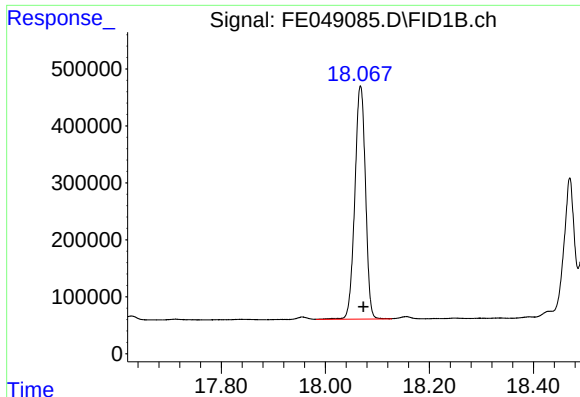
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.005 min
Response: 5656762
Conc: 38.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.006 min
Response: 5883164
Conc: 40.79 ug/ml



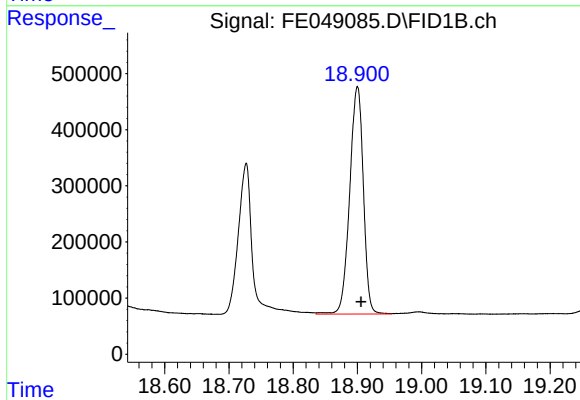
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.006 min
Response: 5824459
Conc: 39.81 ug/ml

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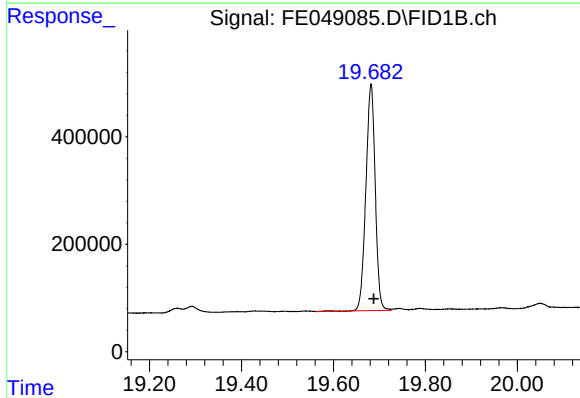
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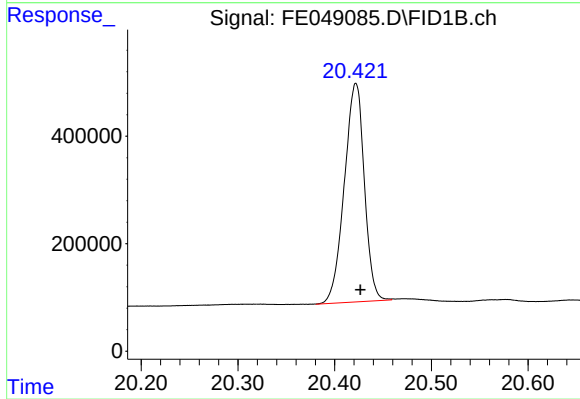
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.005 min
Response: 5993328
Conc: 41.92 ug/ml



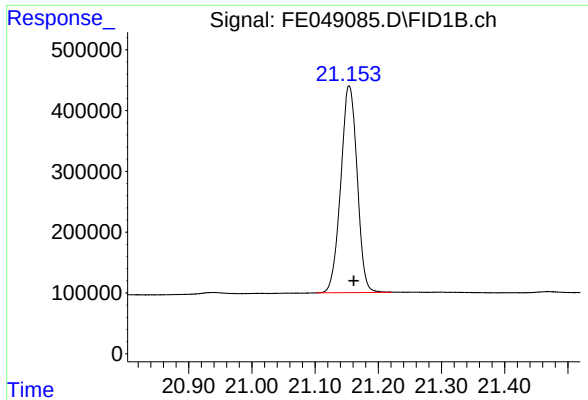
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.006 min
Response: 5954282
Conc: 43.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.005 min
Response: 5852007
Conc: 45.03 ug/ml m



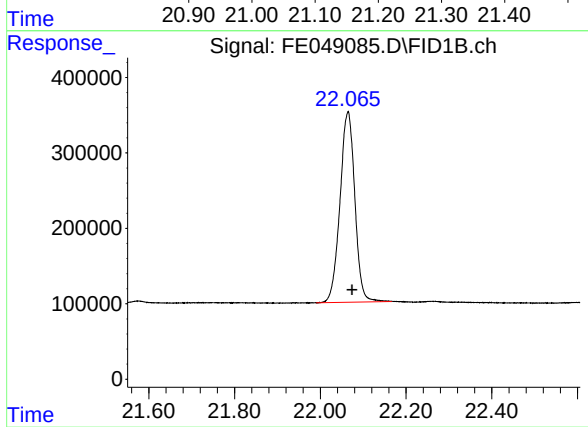
#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.008 min
Response: 6136385
Conc: 47.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.009 min
Response: 6080038
Conc: 49.65 ug/ml m