

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048373.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 03:03
 Operator : YP\AJ
 Sample : P2580-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-05-052224MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :Ankita Jodhani 05/24/2024

Integration File: autoint1.e
 Quant Time: May 24 07:32:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.960	4775345	33.101 ug/ml
Spiked Amount 50.000		Recovery =	66.20%
12) S 1-chlorooctadecane (S...	13.395	33139889	296.577 ug/ml
Spiked Amount 50.000		Recovery =	593.15%
Target Compounds			
1) T n-Nonane (C9)	3.343	4061425	31.513 ug/ml
2) T n-Decane (C10)	4.595	4691185	35.633 ug/ml
3) T A~Naphthalene (C11.7)	6.301	5382681	38.982 ug/ml
4) T n-Dodecane (C12)	6.759	5166495	38.755 ug/ml
5) T A~2-methylnaphthalene...	7.397	5728519	43.047 ug/ml
6) T n-Tetradecane (C14)	8.590	5887881	44.430 ug/ml
7) T n-Hexadecane (C16)	10.196	6085965	44.251 ug/ml
8) T n-Octadecane (C18)	11.640	5941055	42.650 ug/ml
10) T n-Eicosane (C20)	12.949	5839410	43.369 ug/ml
11) T n-Heneicosane (C21)	13.564	6895194	52.089 ug/ml
13) T n-Docosane (C22)	14.147	5566174	42.002 ug/ml
14) T n-Tetracosane (C24)	15.245	9574140	71.903 ug/ml
15) T n-Hexacosane (C26)	16.271	5519785	41.364 ug/ml
16) T n-Octacosane (C28)	17.219	5442343	40.875 ug/mlm
17) T n-Tricontane (C30)	18.107	5960470	43.188 ug/mlm
18) T n-Dotriacontane (C32)	18.939	6118737	44.298 ug/mlm
19) T n-Tetratriacontane (C34)	19.725	6214338	45.619 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	6380524	47.124 ug/mlm
21) T n-Octatriacontane (C38)	21.209	7272033	52.670 ug/mlm
22) T n-Tetracontane (C40)	22.137	7325736	52.581 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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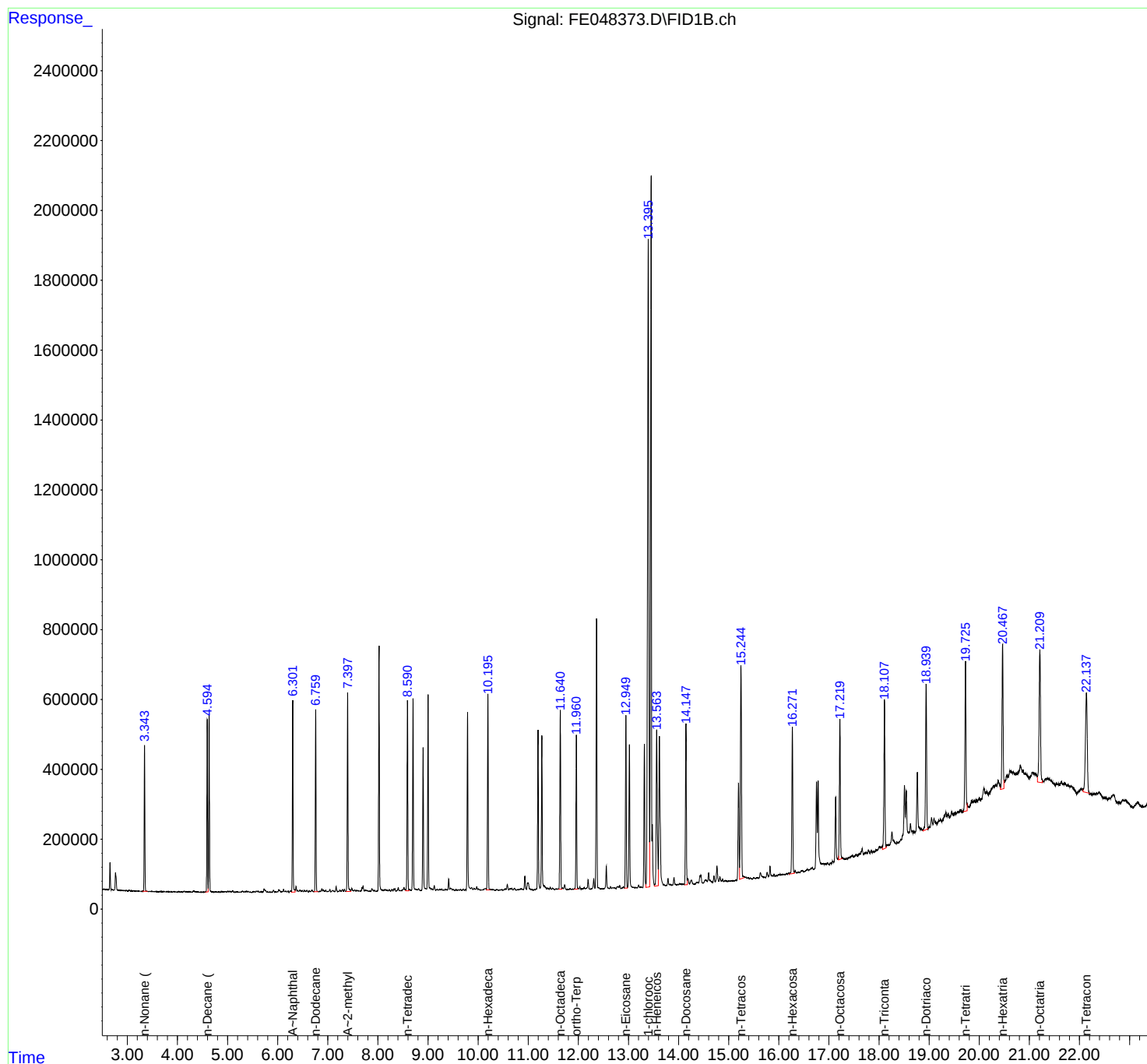
Instrument :
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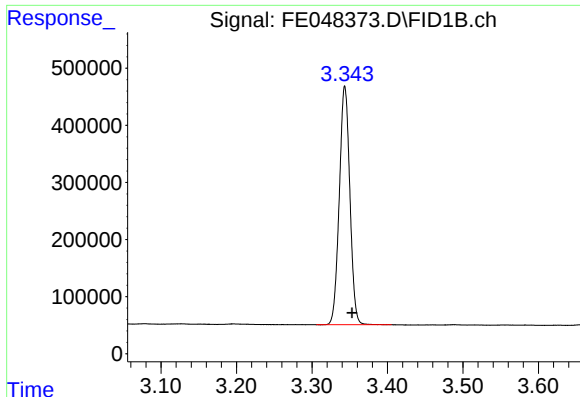
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#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.010 min
Response: 4061425
Conc: 31.51 ug/ml

Instrument :

FID_E

ClientSampleId :

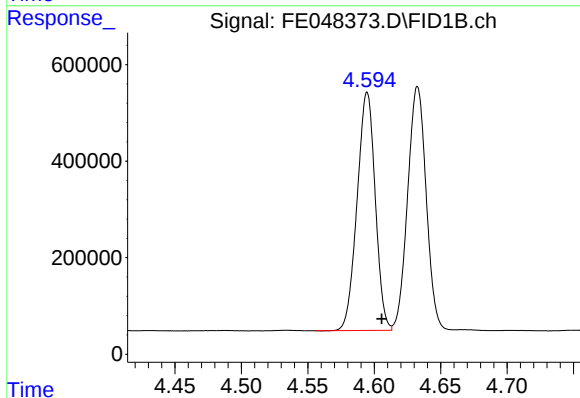
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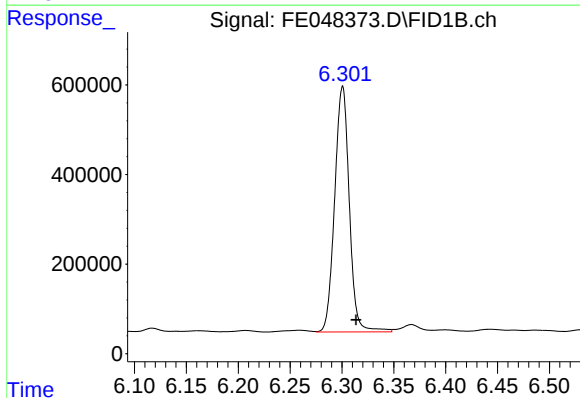
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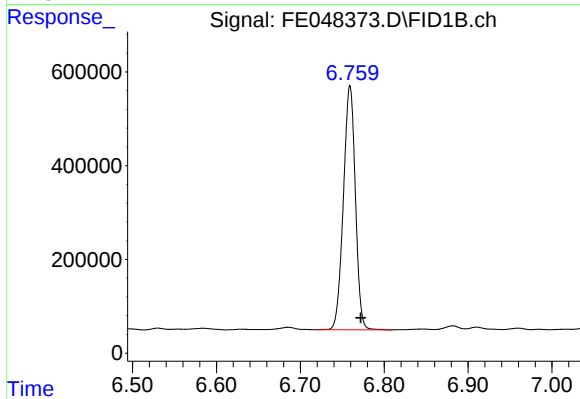
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.011 min
Response: 4691185
Conc: 35.63 ug/ml



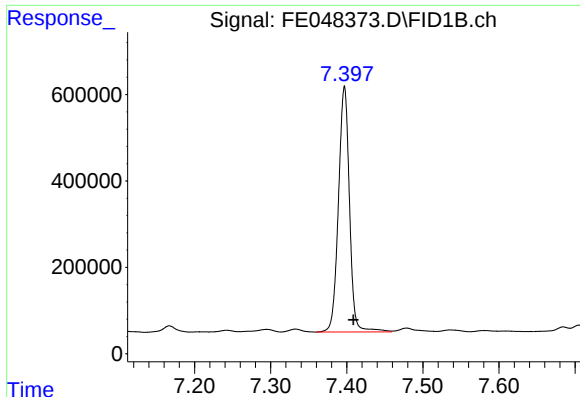
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.013 min
Response: 5382681
Conc: 38.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 5166495
Conc: 38.75 ug/ml



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

R.T.: 7.397 min
Delta R.T.: -0.012 min
Response: 5728519
Conc: 43.05 ug/ml

Instrument :

FID_E

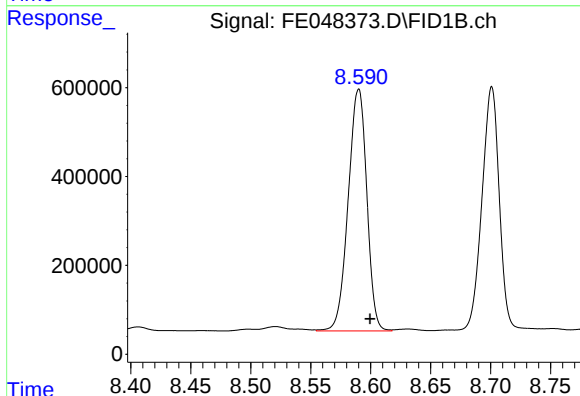
ClientSampleId :

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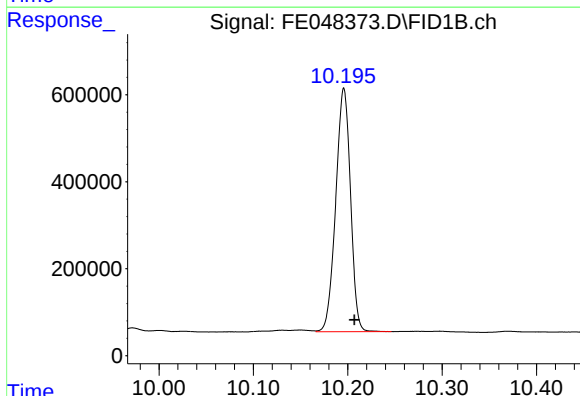
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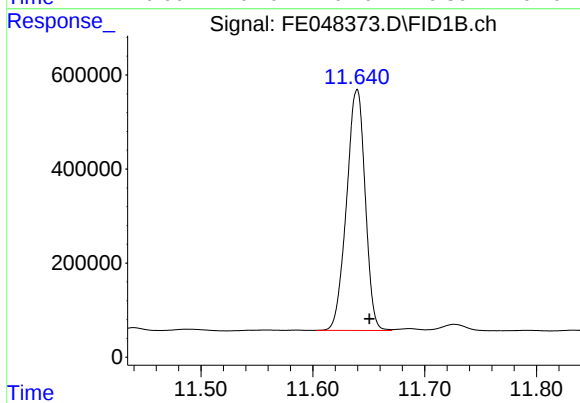
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.009 min
Response: 5887881
Conc: 44.43 ug/ml



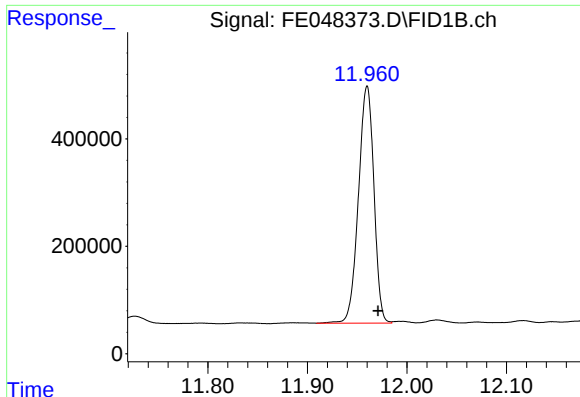
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.011 min
Response: 6085965
Conc: 44.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.011 min
Response: 5941055
Conc: 42.65 ug/ml



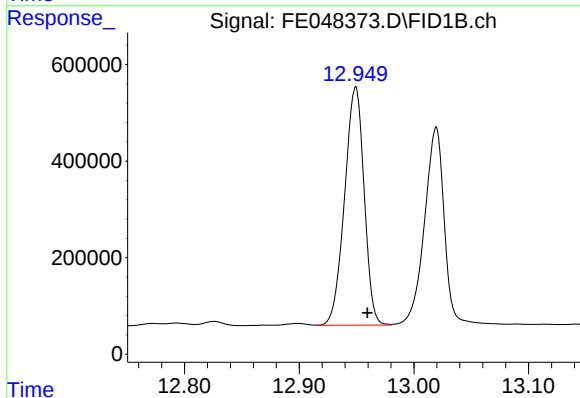
#9 ortho-Terphenyl (SURR)

R.T.: 11.960 min
Delta R.T.: -0.011 min
Response: 4775345
Conc: 33.10 ug/ml

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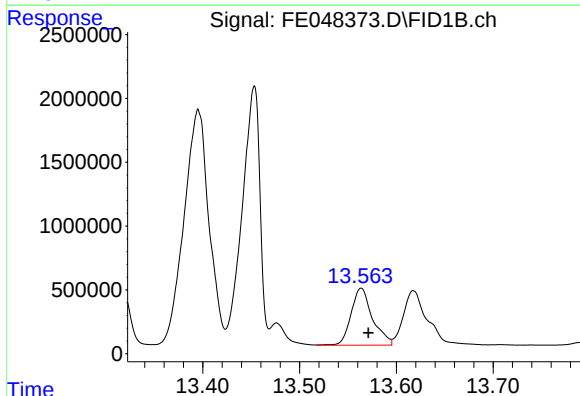
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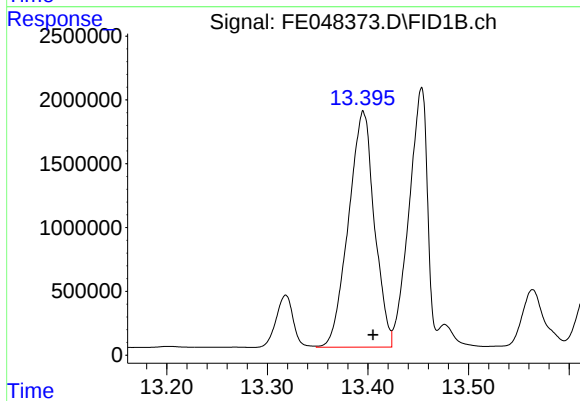
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.010 min
Response: 5839410
Conc: 43.37 ug/ml



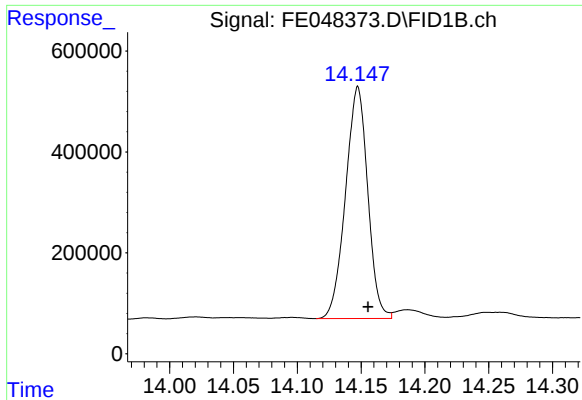
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.007 min
Response: 6895194
Conc: 52.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.009 min
Response: 33139889
Conc: 296.58 ug/ml



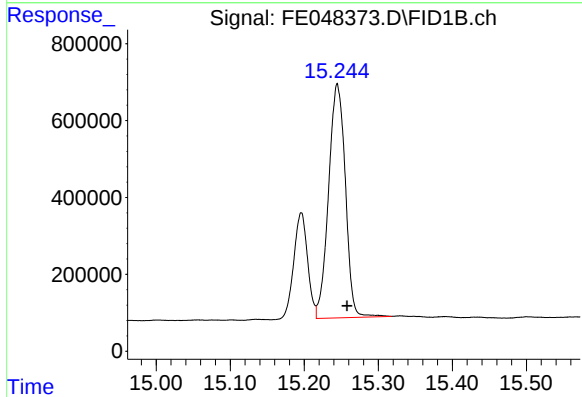
#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.008 min
Response: 5566174
Conc: 42.00 ug/ml

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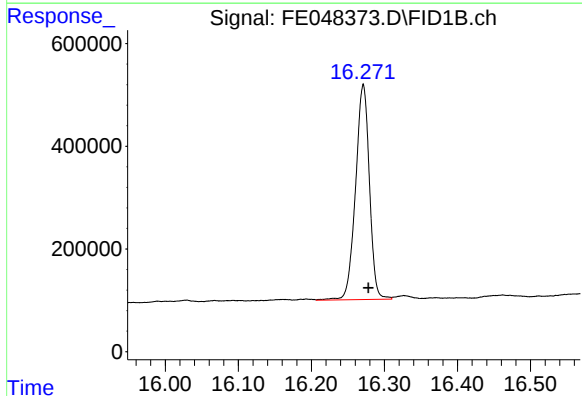
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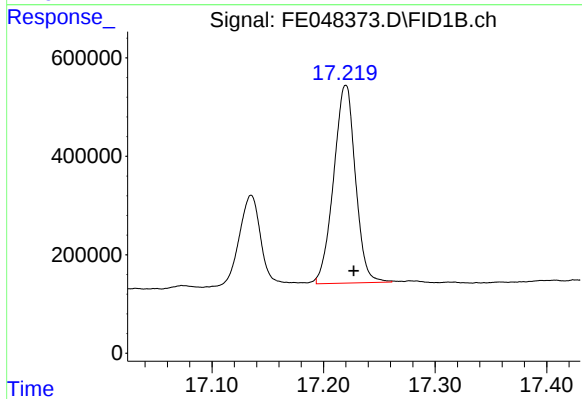
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.013 min
Response: 9574140
Conc: 71.90 ug/ml



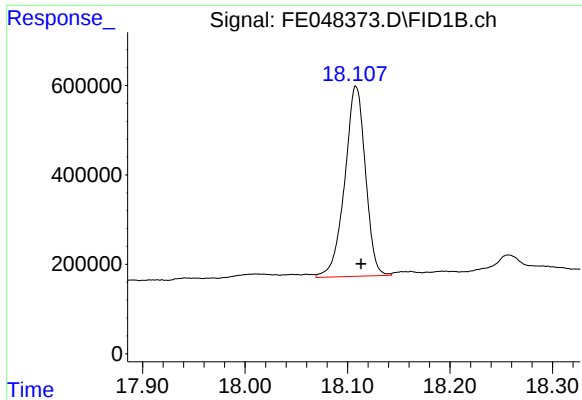
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.007 min
Response: 5519785
Conc: 41.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.008 min
Response: 5442343
Conc: 40.87 ug/ml m



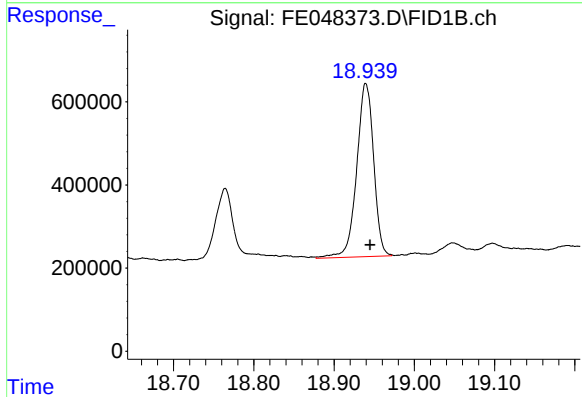
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.006 min
Response: 5960470
Conc: 43.19 ug/ml

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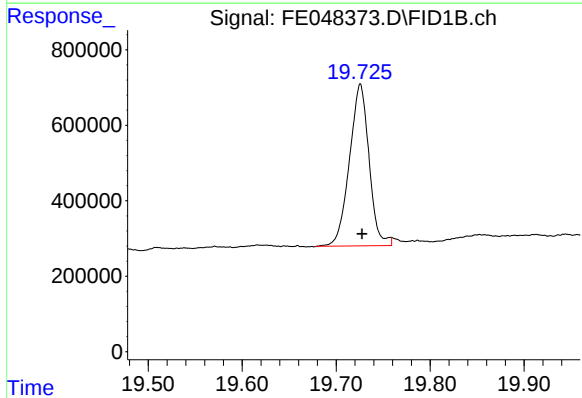
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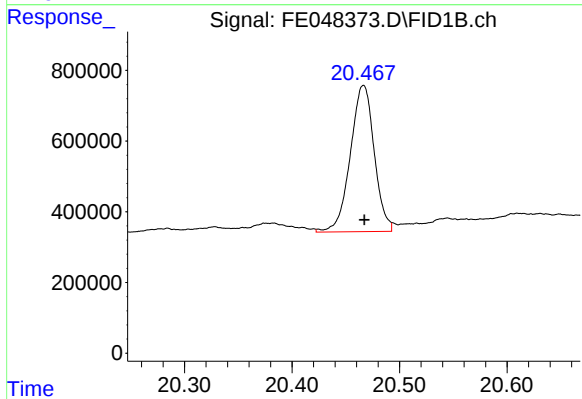
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.006 min
Response: 6118737
Conc: 44.30 ug/ml m



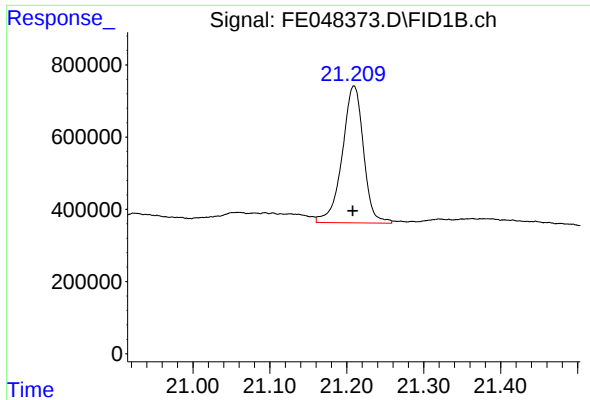
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: -0.002 min
Response: 6214338
Conc: 45.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 6380524
Conc: 47.12 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.001 min
Response: 7272033
Conc: 52.67 ug/ml

Instrument :

FID_E

ClientSampleId :

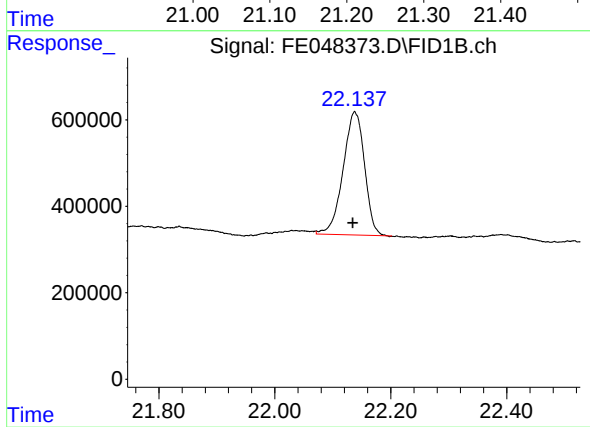
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#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: 0.003 min
Response: 7325736
Conc: 52.58 ug/ml m