

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044525.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 18:48
 Operator : YP\AJ
 Sample : 04668-05MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :Ankita Jodhani 10/02/2023

Integration File: autoint1.e
 Quant Time: Oct 02 07:46:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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			
Target Compounds			
1) T n-Nonane (C9)	3.311	5015579	30.893 ug/ml
2) T n-Decane (C10)	4.563	6369826	38.467 ug/ml
3) T A~Naphthalene (C11.7)	6.263	7266912	40.646 ug/ml
4) T n-Dodecane (C12)	6.728	7947019	47.778 ug/ml
5) T A~2-methylnaphthalene...	7.362	8663643	50.638 ug/mlm
6) T n-Tetradecane (C14)	8.573	7469518	45.499 ug/mlm
7) T n-Hexadecane (C16)	10.160	479736	2.832 ug/mlm
8) T n-Octadecane (C18)	11.608	1746210	10.285 ug/mlm
10) T n-Eicosane (C20)	12.920	848012	5.271 ug/mlm
11) T n-Heneicosane (C21)	13.541	298302	1.905 ug/mlm
13) T n-Docosane (C22)	14.127	409833	2.657 ug/mlm
14) T n-Tetracosane (C24)	15.245	8490265	56.165 ug/mlm
15) T n-Hexacosane (C26)	16.253	6926355	47.087 ug/mlm
16) T n-Octacosane (C28)	17.196	6917276	48.230 ug/ml
17) T n-Tricontane (C30)	18.086	6931574	46.761 ug/ml
18) T n-Dotriacontane (C32)	18.917	7099839	47.960 ug/ml
19) T n-Tetratriacontane (C34)	19.702	7110393	48.654 ug/ml
20) T n-Hexatriacontane (C36)	20.445	6849249	47.219 ug/ml
21) T n-Octatriacontane (C38)	21.187	7160821	47.806 ug/ml
22) T n-Tetracontane (C40)	22.107	7566180	47.944 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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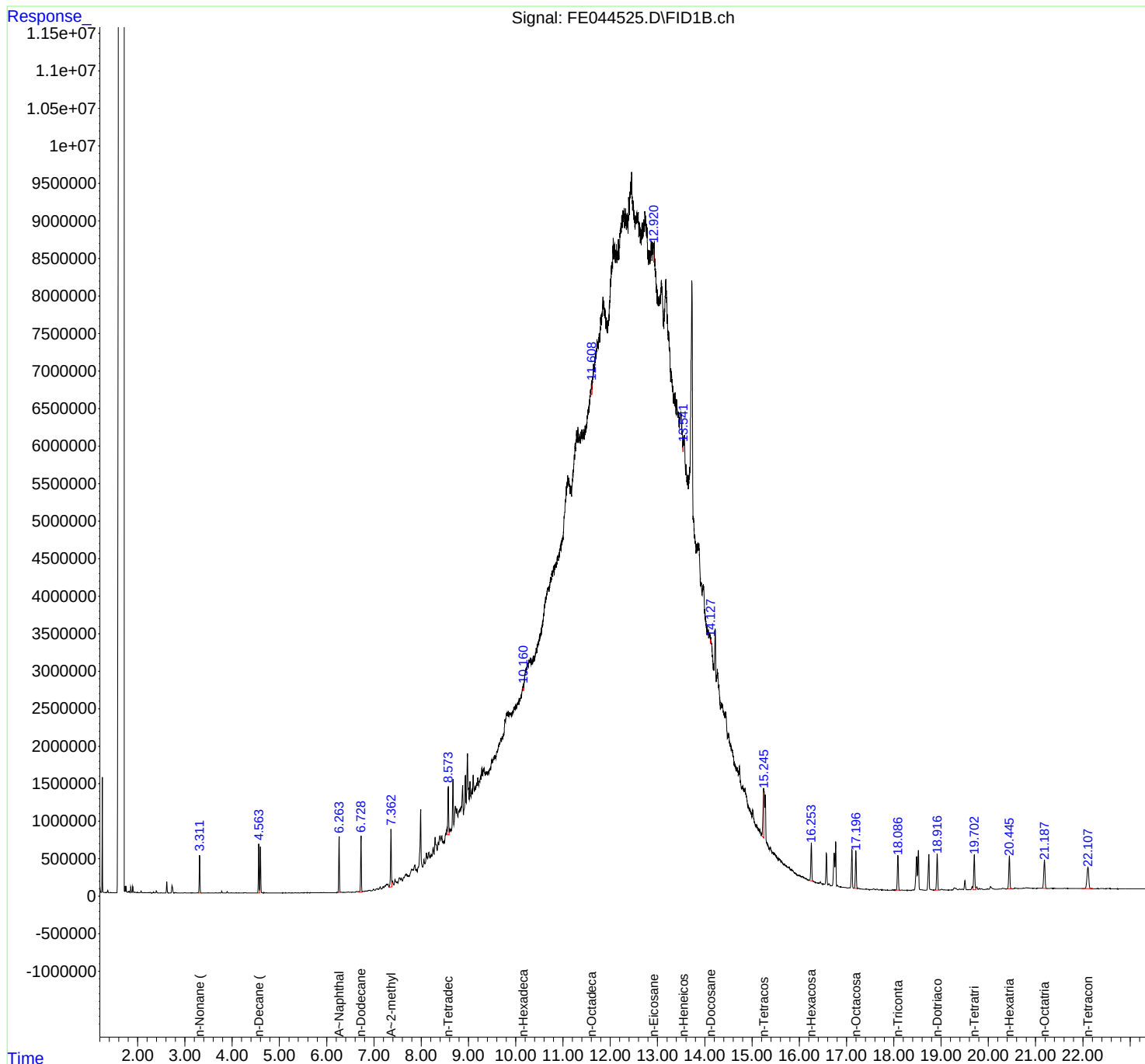
Instrument :
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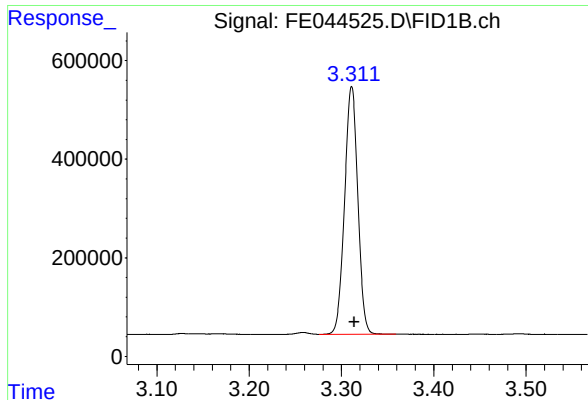
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#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.003 min
Response: 5015579
Conc: 30.89 ug/ml

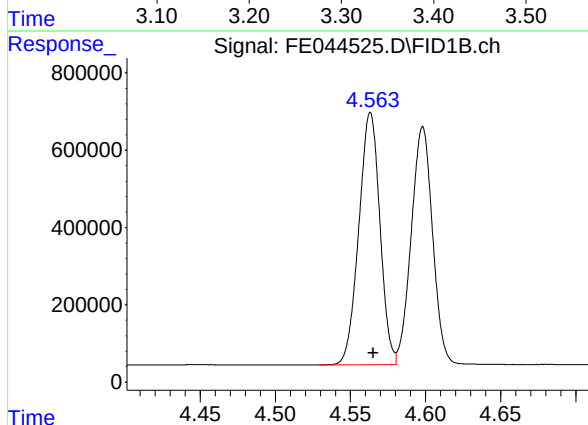
Instrument :

FID_E

ClientSampleId :

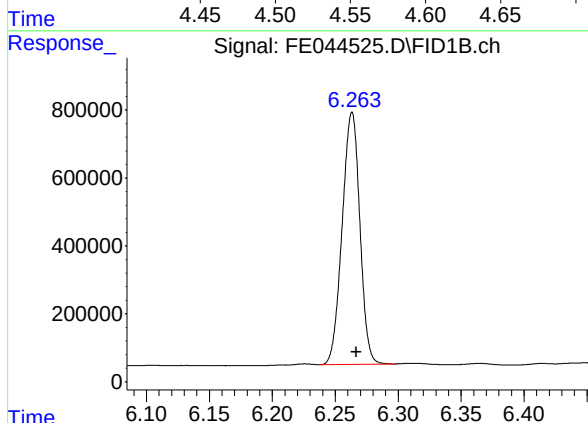
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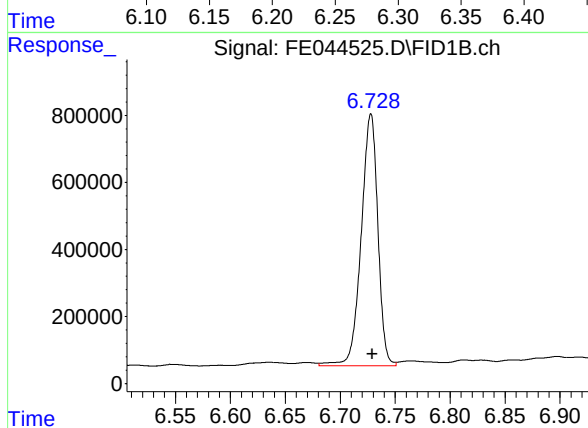
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 6369826
Conc: 38.47 ug/ml



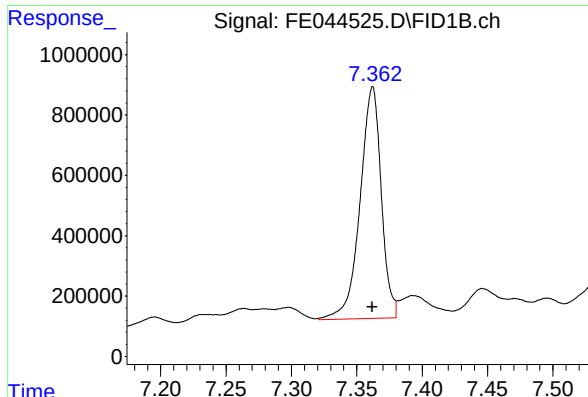
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 7266912
Conc: 40.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 7947019
Conc: 47.78 ug/ml



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

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 8663643
Conc: 50.64 ug/ml

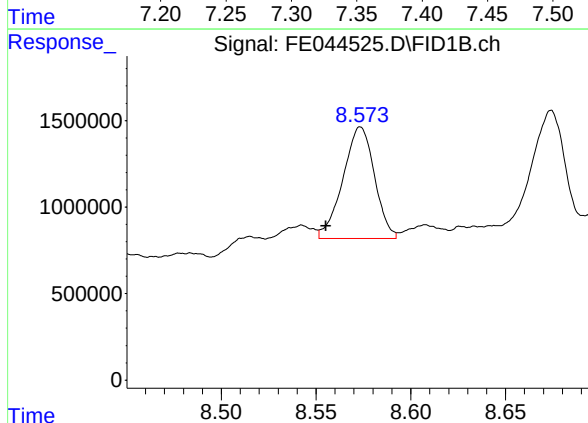
Instrument :

FID_E

ClientSampleId :

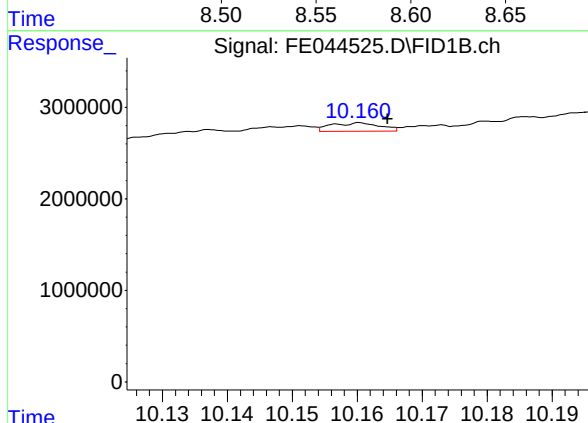
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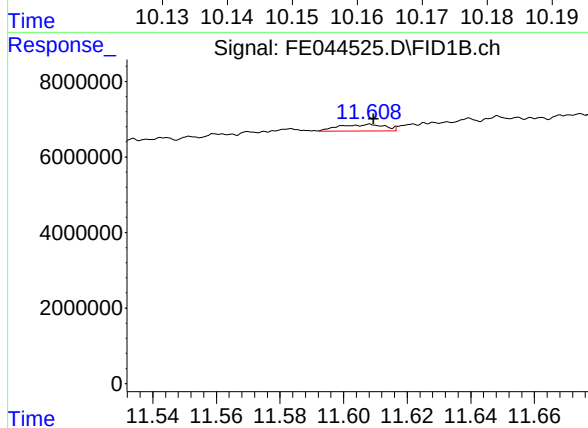
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.018 min
Response: 7469518
Conc: 45.50 ug/ml m



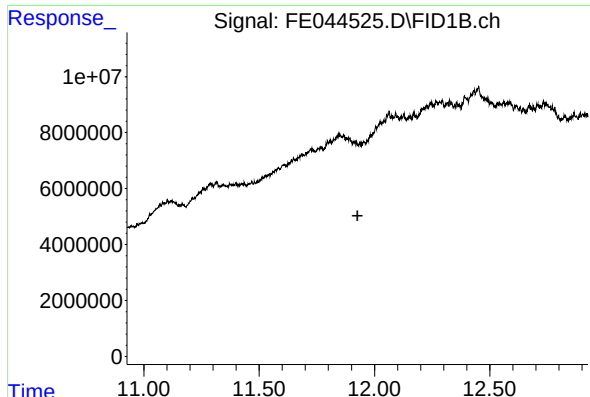
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.005 min
Response: 479736
Conc: 2.83 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.001 min
Response: 1746210
Conc: 10.28 ug/ml m



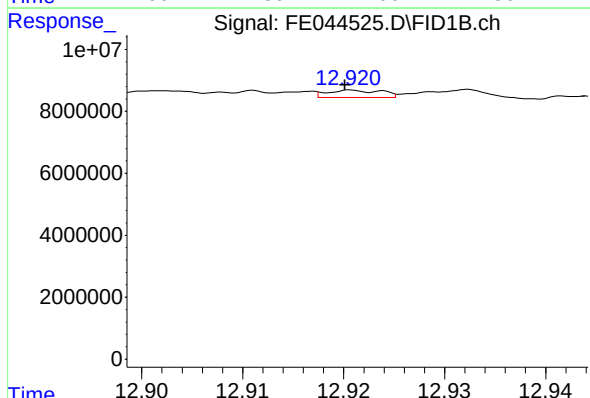
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.926 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :

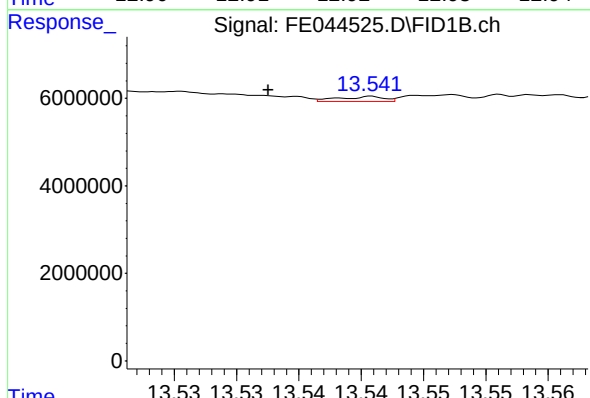
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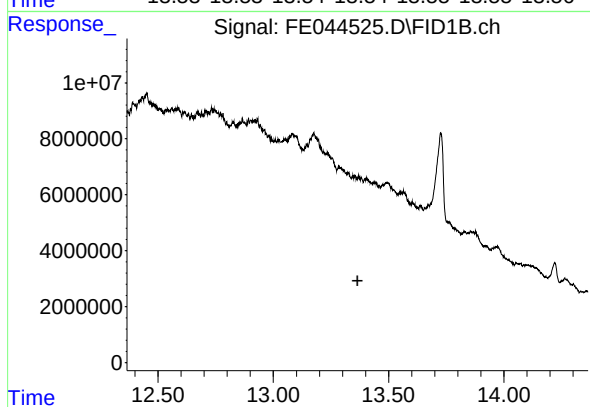
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 848012
Conc: 5.27 ug/ml m



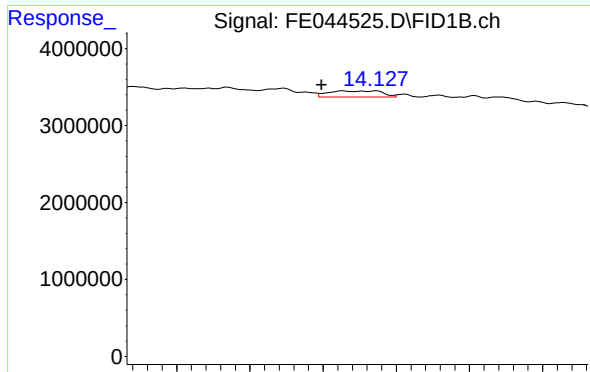
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: 0.008 min
Response: 298302
Conc: 1.91 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.365 min
Response: 0
Conc: N.D.



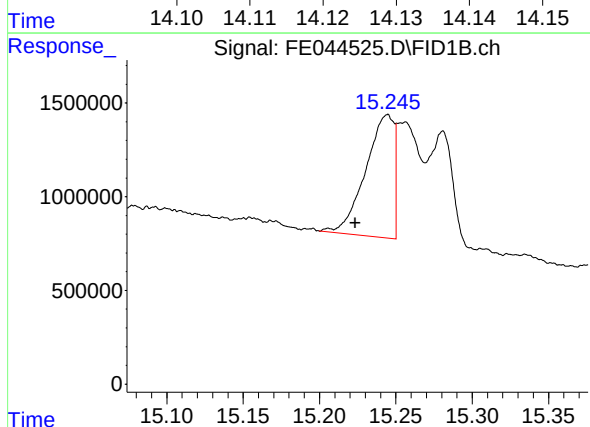
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.007 min
Response: 409833
Conc: 2.66 ug/ml

Instrument :
FID_E
ClientSampleId :

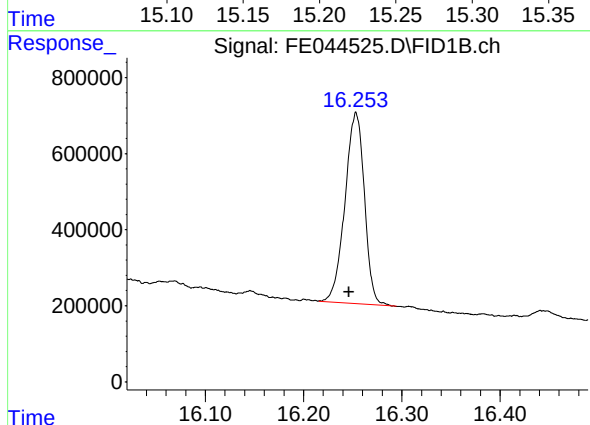
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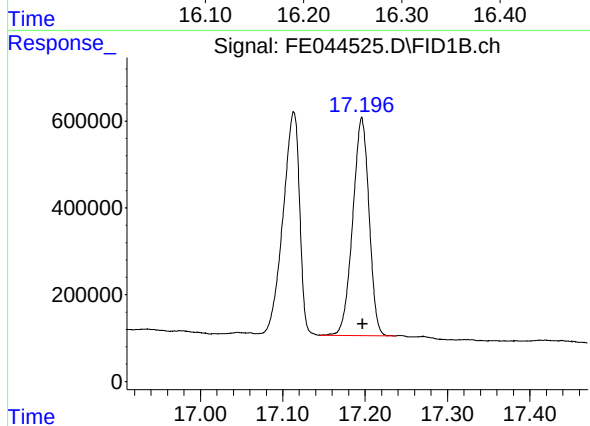
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.021 min
Response: 8490265
Conc: 56.17 ug/ml m



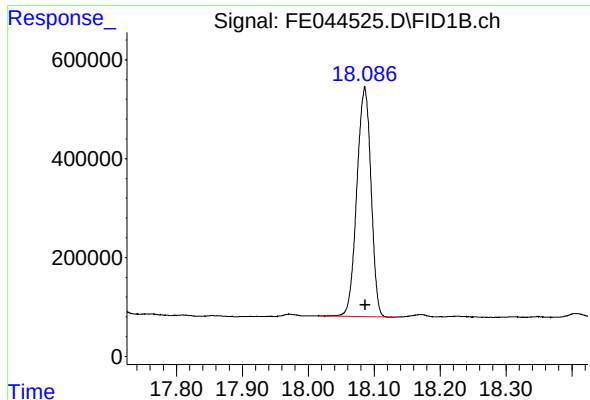
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: 0.007 min
Response: 6926355
Conc: 47.09 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.001 min
Response: 6917276
Conc: 48.23 ug/ml



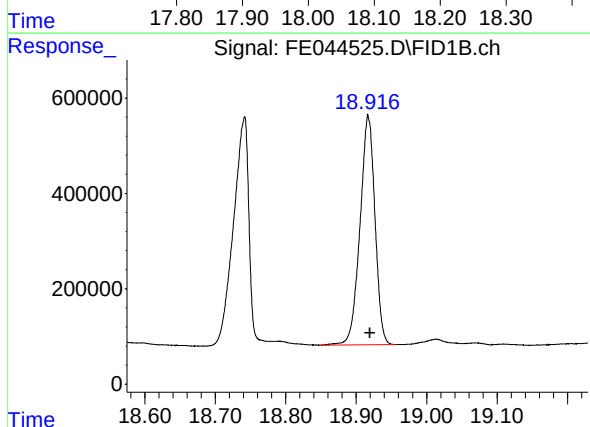
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 6931574
Conc: 46.76 ug/ml

Instrument : FID_E
ClientSampleId :

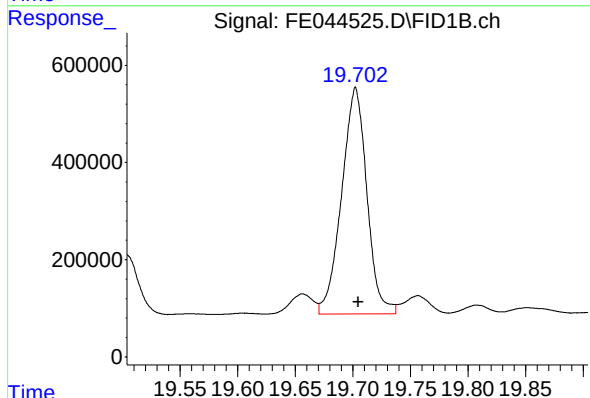
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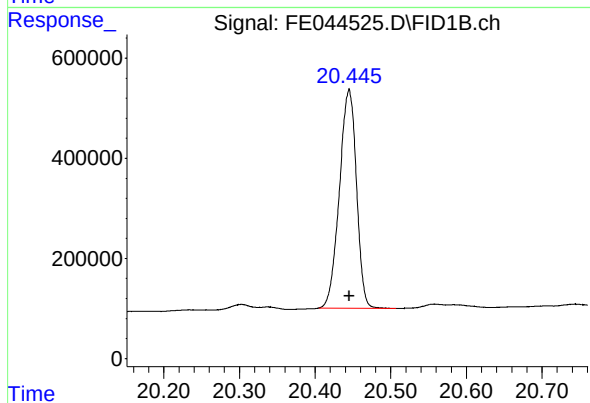
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.003 min
Response: 7099839
Conc: 47.96 ug/ml



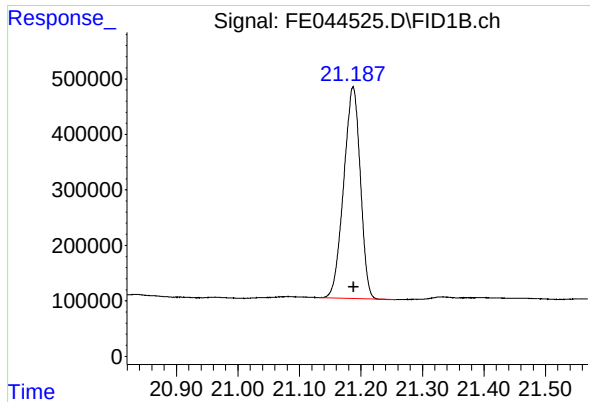
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.003 min
Response: 7110393
Conc: 48.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 6849249
Conc: 47.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.001 min
Response: 7160821
Conc: 47.81 ug/ml

Instrument :

FID_E

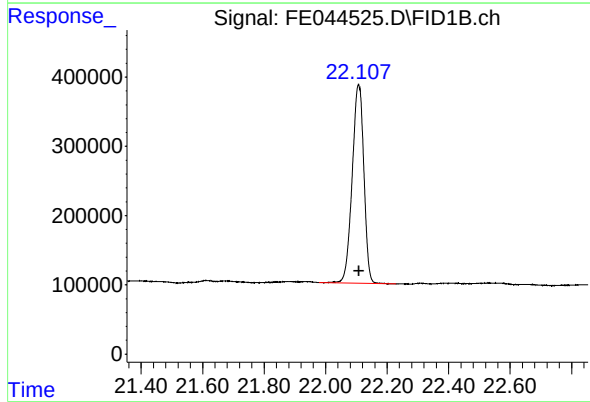
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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.002 min
Response: 7566180
Conc: 47.94 ug/ml