

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052961.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 17:25
 Operator : YP\AJ
 Sample : Q1634-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HR-01-032425MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/26/2025

Supervised By :mohammad ahmed 03/27/2025

Integration File: autoint1.e

Quant Time: Mar 26 03:25:52 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 2025

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)	11.908	5394795	32.000 ug/mlm
Spiked Amount	50.000	Recovery	= 64.00%
12) S 1-chlorooctadecane (S...	13.353	3576632	29.455 ug/ml
Spiked Amount	50.000	Recovery	= 58.91%
Target Compounds			
1) T n-Nonane (C9)	3.249	3718449	23.982 ug/ml
2) T n-Decane (C10)	4.511	4696275	29.894 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5800388	34.202 ug/ml
4) T n-Dodecane (C12)	6.692	8241545	52.932 ug/ml
5) T A~2-methylnaphthalene...	7.328	6915475	42.673 ug/ml
6) T n-Tetradecane (C14)	8.532	9210324	60.871 ug/mlm
7) T n-Hexadecane (C16)	10.146	10120815	66.198 ug/mlm
8) T n-Octadecane (C18)	11.595	9556755	62.815 ug/mlm
10) T n-Eicosane (C20)	12.910	8223051	56.643 ug/ml
11) T n-Heneicosane (C21)	13.522	6913686	48.575 ug/ml
13) T n-Docosane (C22)	14.111	5924455	41.631 ug/ml
14) T n-Tetracosane (C24)	15.207	9338098	65.252 ug/ml
15) T n-Hexacosane (C26)	16.243	4852590	34.127 ug/ml
16) T n-Octacosane (C28)	17.195	4853668	34.134 ug/ml
17) T n-Tricontane (C30)	18.088	5053903	34.217 ug/ml
18) T n-Dotriacontane (C32)	18.924	4844204	33.367 ug/ml
19) T n-Tetratriacontane (C34)	19.711	5094921	37.802 ug/mlm
20) T n-Hexatriacontane (C36)	20.457	4765215	40.103 ug/ml
21) T n-Octatriacontane (C38)	21.202	4835333	43.587 ug/ml
22) T n-Tetracontane (C40)	22.130	5228502	48.360 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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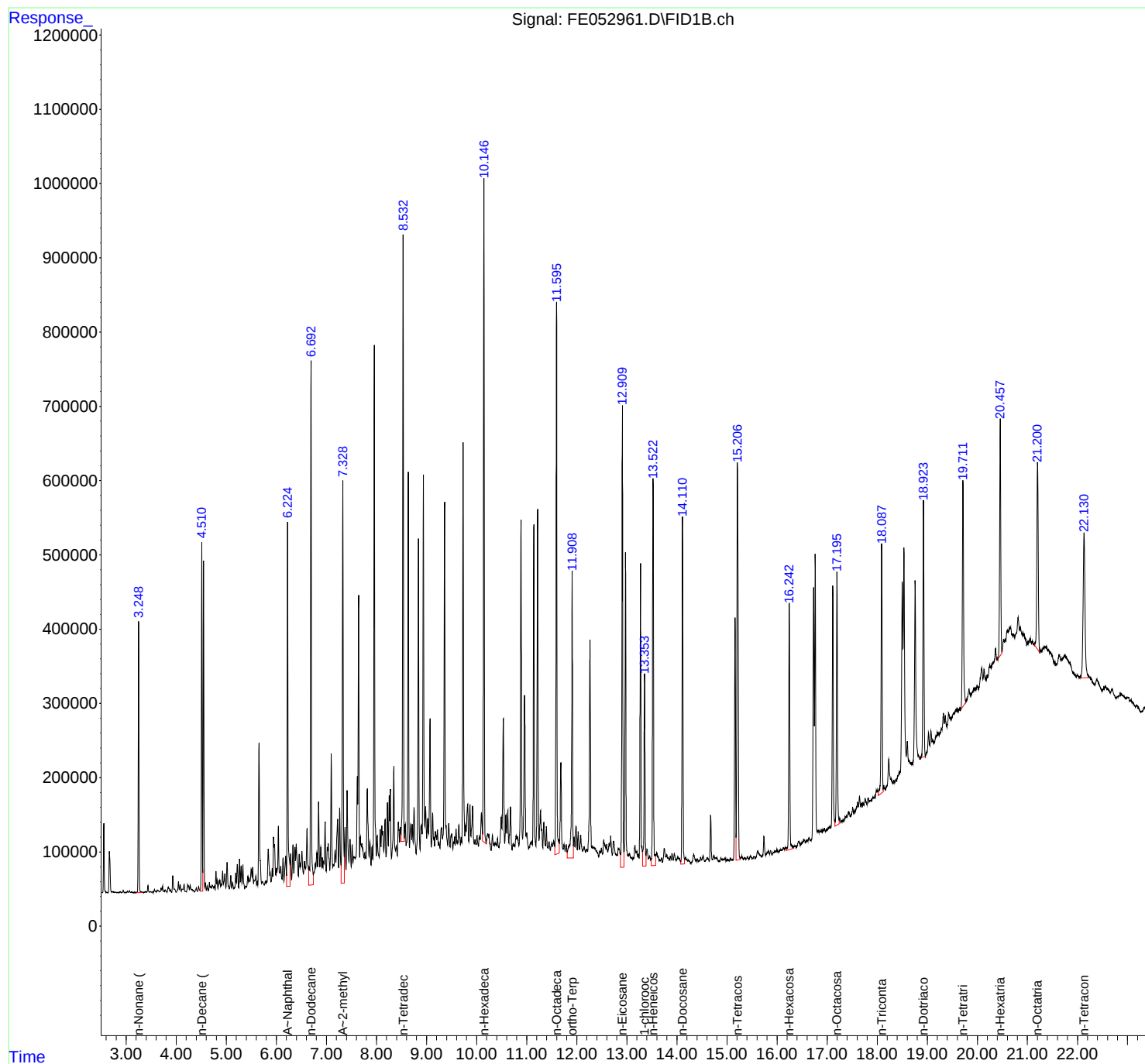
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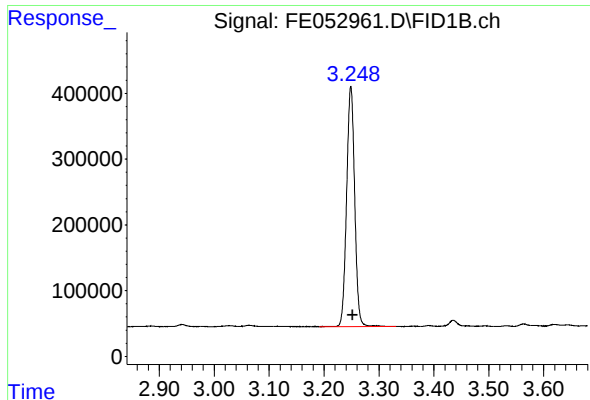
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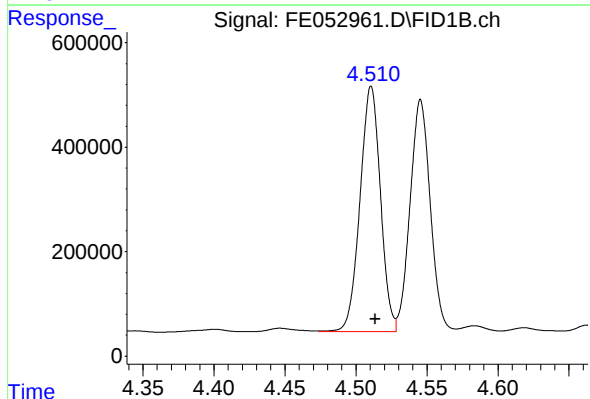
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 3718449
Conc: 23.98 ug/ml

Instrument :
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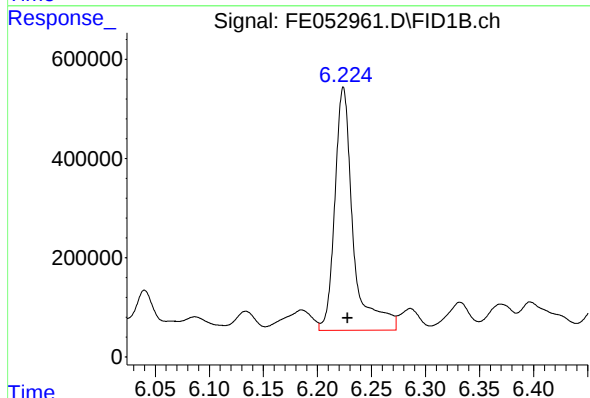
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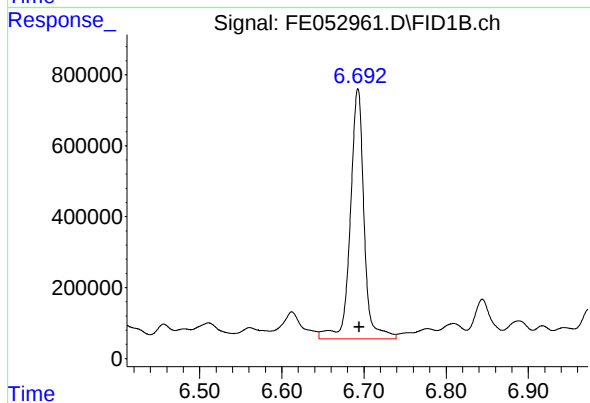
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 4696275
Conc: 29.89 ug/ml



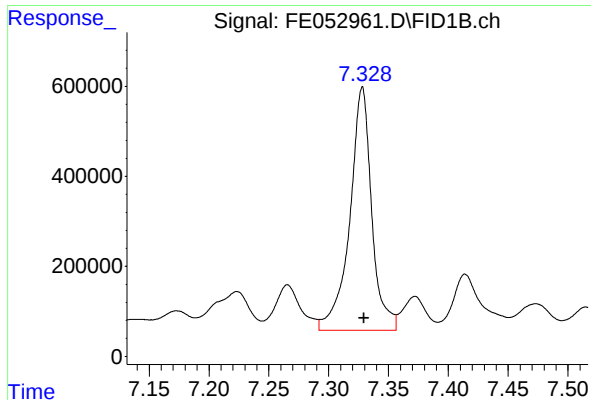
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 5800388
Conc: 34.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 8241545
Conc: 52.93 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 6915475
Conc: 42.67 ug/ml

Instrument :

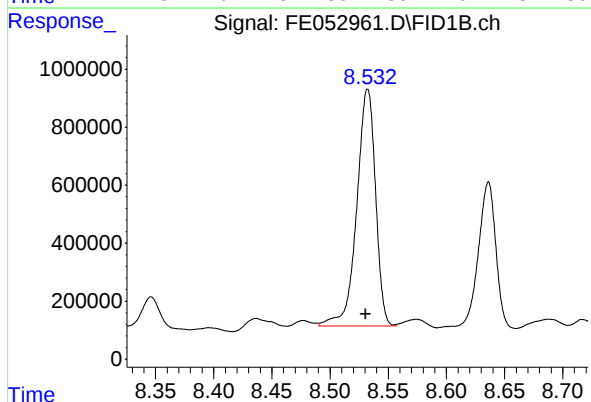
FID_E

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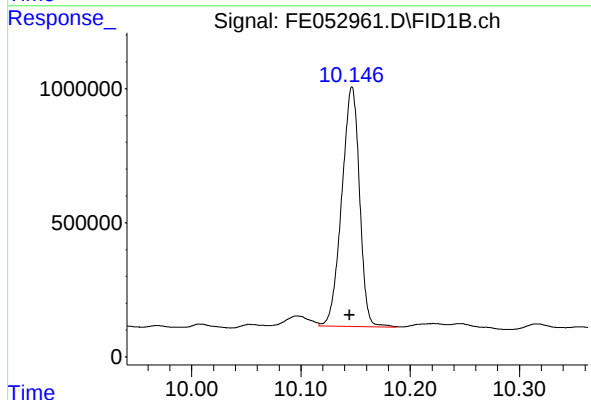
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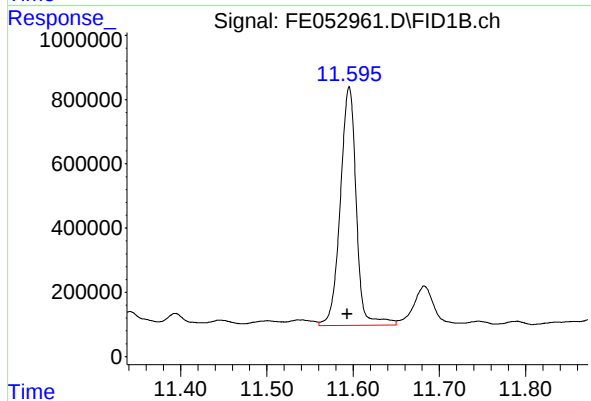
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 9210324
Conc: 60.87 ug/ml m



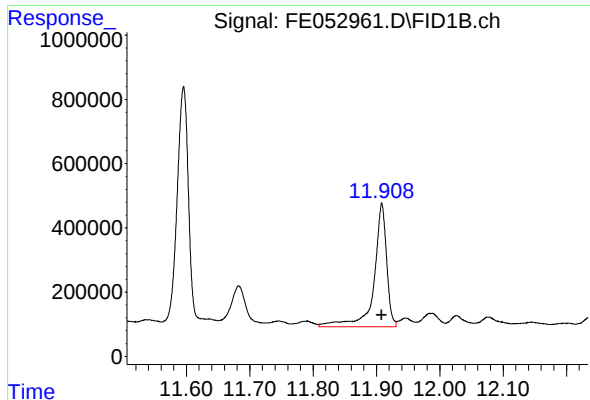
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.002 min
Response: 10120815
Conc: 66.20 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 9556755
Conc: 62.82 ug/ml m



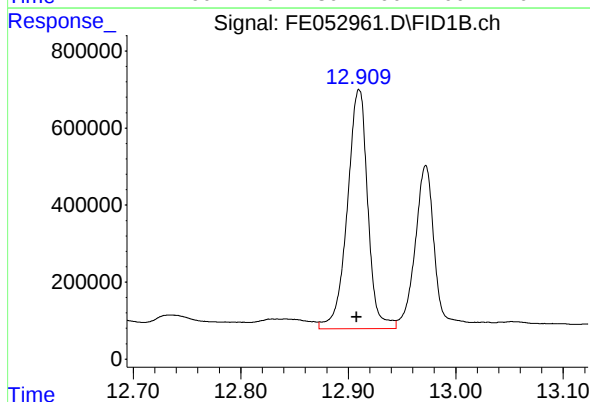
#9 ortho-Terphenyl (SURR)

R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 5394795
Conc: 32.00 ug/ml

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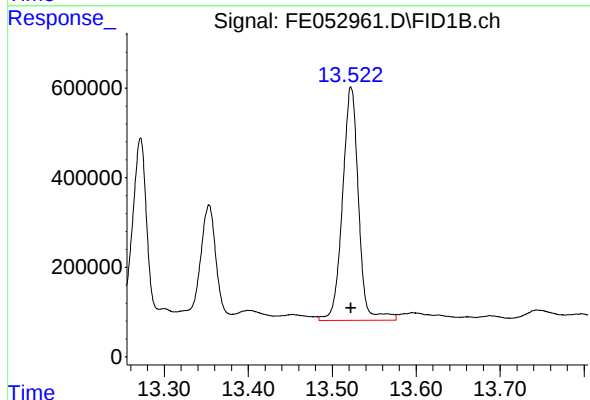
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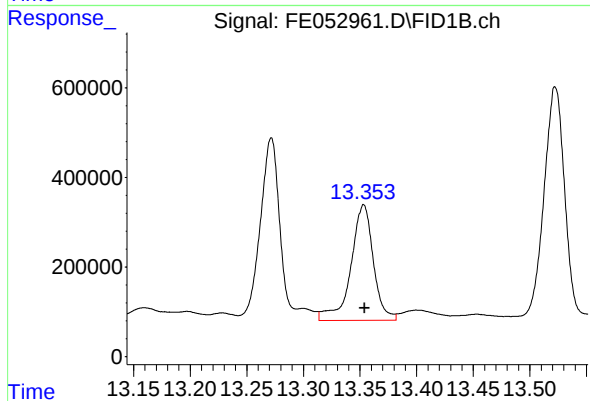
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 8223051
Conc: 56.64 ug/ml



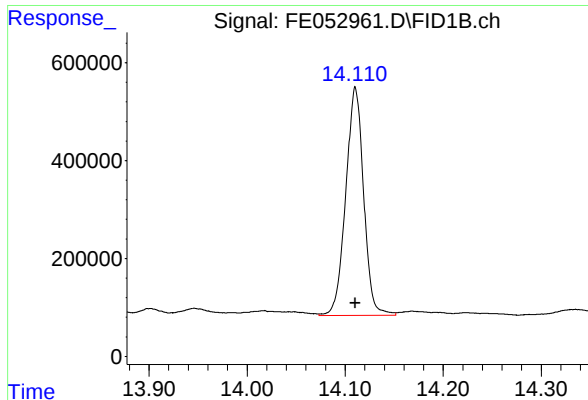
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 6913686
Conc: 48.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min
Delta R.T.: -0.001 min
Response: 3576632
Conc: 29.46 ug/ml



#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 5924455
Conc: 41.63 ug/ml

Instrument :

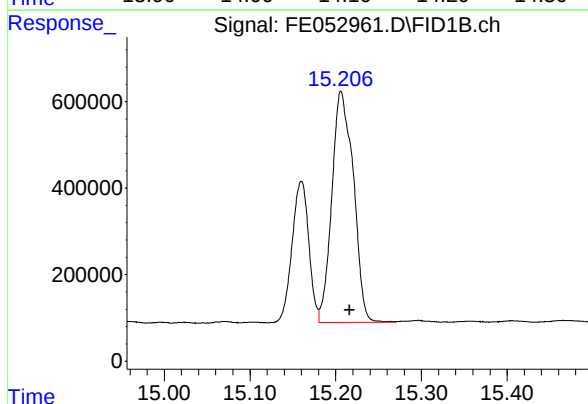
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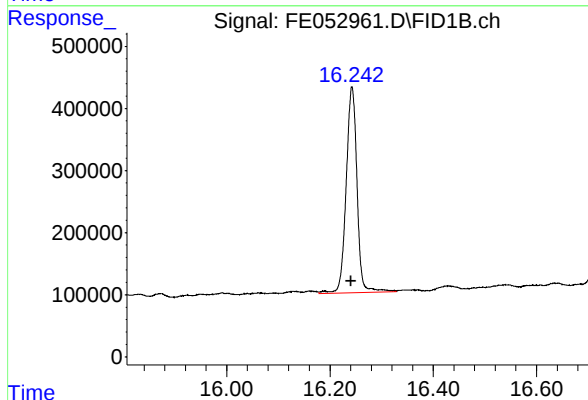
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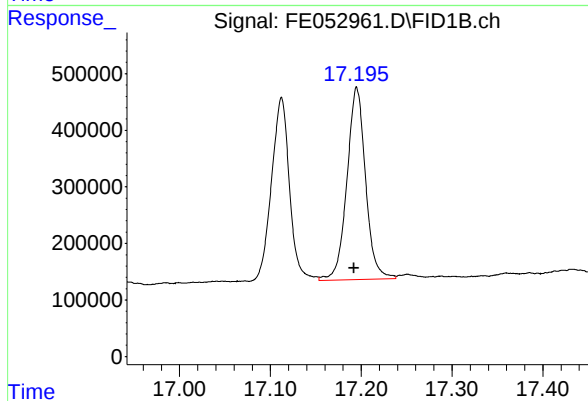
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.009 min
Response: 9338098
Conc: 65.25 ug/ml



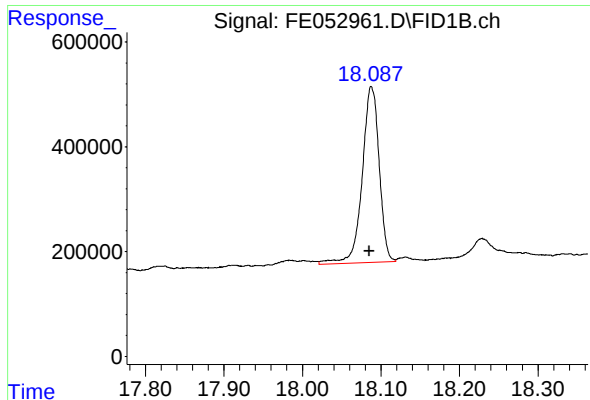
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 4852590
Conc: 34.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: 0.003 min
Response: 4853668
Conc: 34.13 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: 0.003 min
Response: 5053903
Conc: 34.22 ug/ml

Instrument :

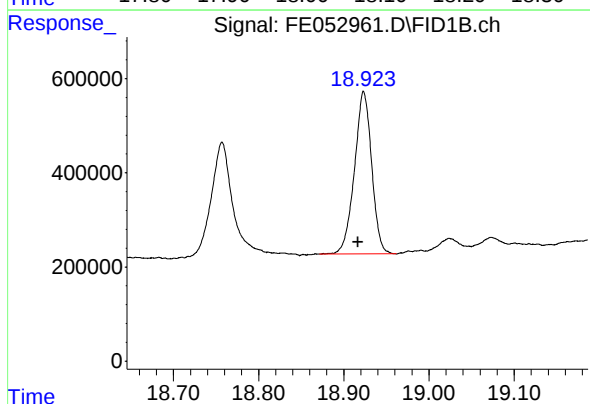
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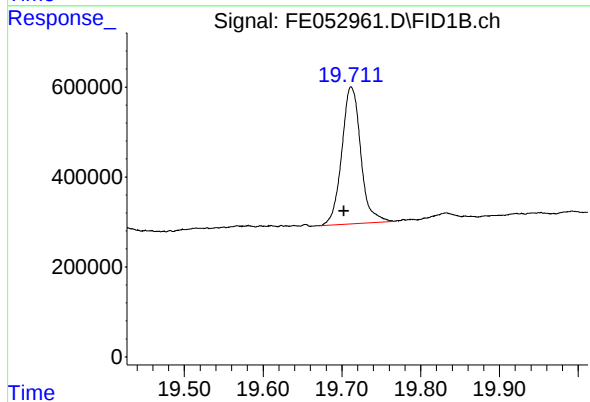
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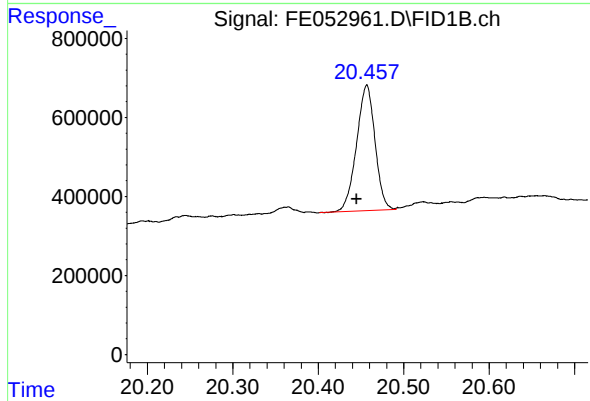
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.007 min
Response: 4844204
Conc: 33.37 ug/ml



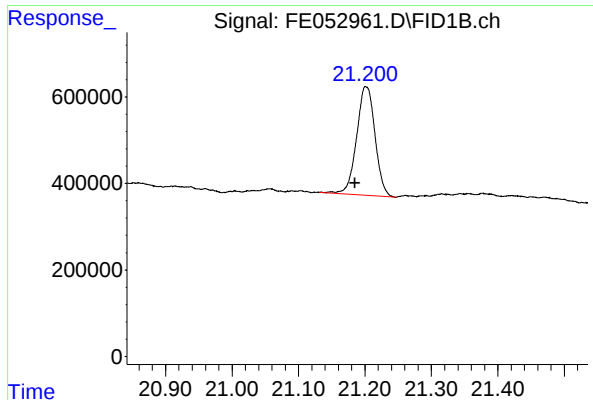
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.009 min
Response: 5094921
Conc: 37.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 4765215
Conc: 40.10 ug/ml



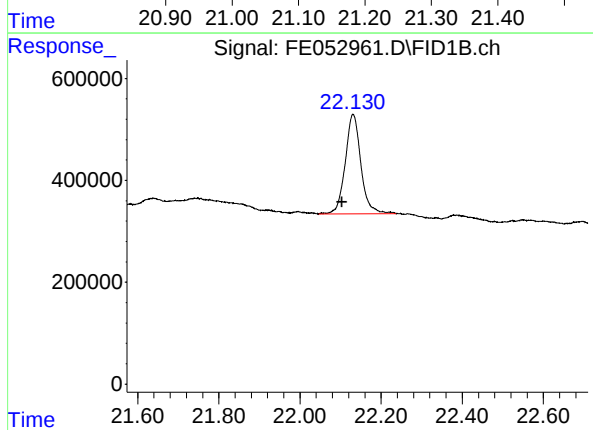
#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.017 min
Response: 4835333
Conc: 43.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.026 min
Response: 5228502
Conc: 48.36 ug/ml m