

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
 Data File : FG015495.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 13:37
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 17 13:59:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:59:12 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)	11.919	1733132	10.606 ug/ml
Spiked Amount 50.000		Recovery =	21.21%
12) S 1-chlorooctadecane (S...	13.363	1412976	10.732 ug/ml
Spiked Amount 50.000		Recovery =	21.46%
Target Compounds			
1) T n-Nonane (C9)	3.267	1336845	10.506 ug/ml
2) T n-Decane (C10)	4.526	1368392	10.513 ug/ml
3) T A~Naphthalene (C11.7)	6.238	1483929	10.399 ug/ml
4) T n-Dodecane (C12)	6.705	1403799	10.518 ug/ml
5) T A~2-methylnaphthalene...	7.339	1436997	10.333 ug/ml
6) T n-Tetradecane (C14)	8.541	1429634	10.544 ug/ml
7) T n-Hexadecane (C16)	10.156	1525924	10.599 ug/ml
8) T n-Octadecane (C18)	11.603	1592719	10.651 ug/ml
10) T n-Eicosane (C20)	12.918	1588531	10.707 ug/ml
11) T n-Heneicosane (C21)	13.532	1577949	10.691 ug/ml
13) T n-Docosane (C22)	14.120	1607865	10.763 ug/ml
14) T n-Tetracosane (C24)	15.225	1677005	10.923 ug/ml
15) T n-Hexacosane (C26)	16.251	1681886	10.977 ug/ml
16) T n-Octacosane (C28)	17.203	1686101	11.106 ug/ml
17) T n-Tricontane (C30)	18.093	1734219	11.280 ug/ml
18) T n-Dotriacontane (C32)	18.927	1655358	11.394 ug/ml
19) T n-Tetratriacontane (C34)	19.711	1426597	11.211 ug/ml
20) T n-Hexatriacontane (C36)	20.450	1177542	11.052 ug/ml
21) T n-Octatriacontane (C38)	21.194	1031684	10.965 ug/ml
22) T n-Tetracontane (C40)	22.122	933399	10.730 ug/ml

(f)=RT Delta > 1/2 Window

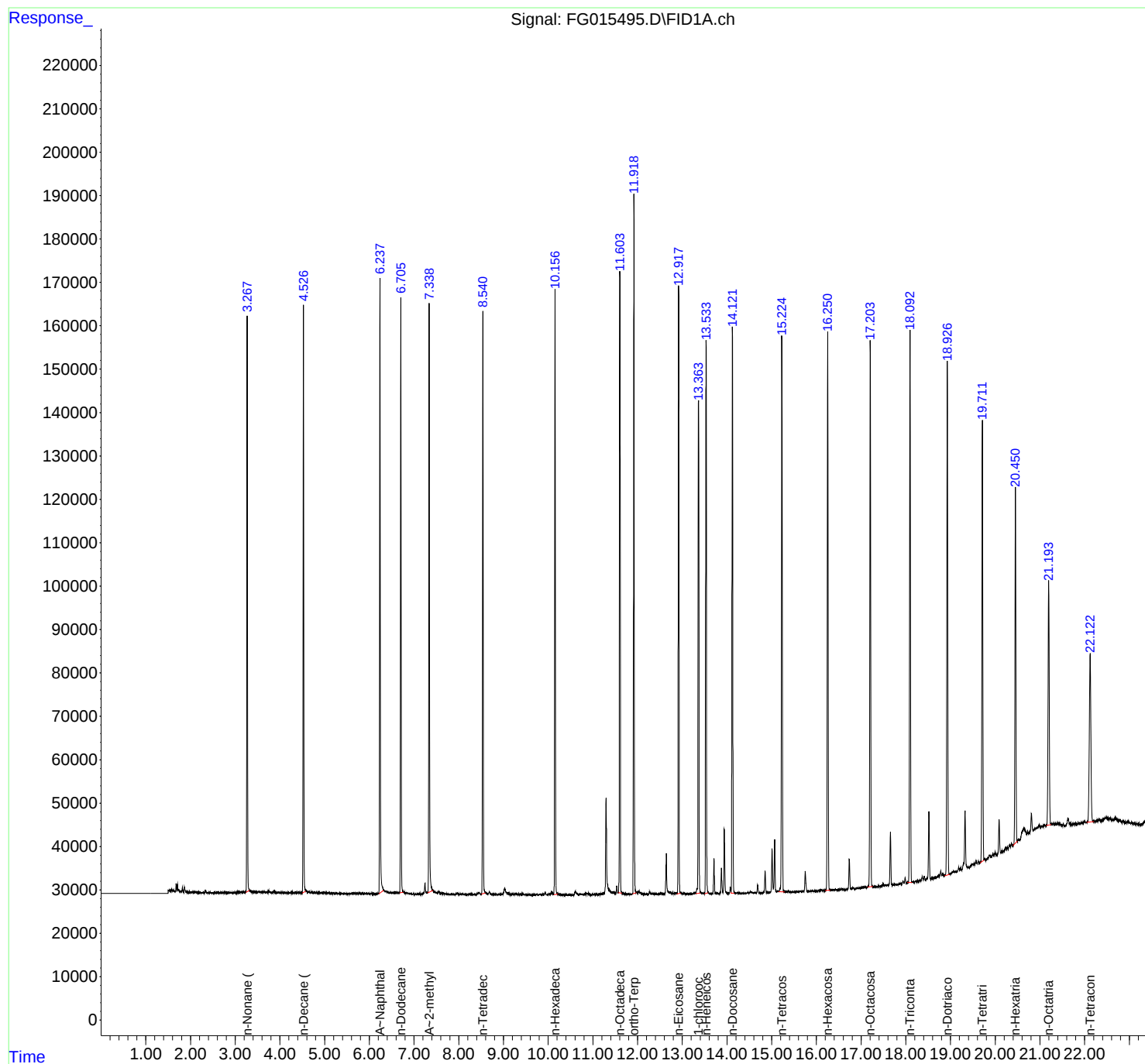
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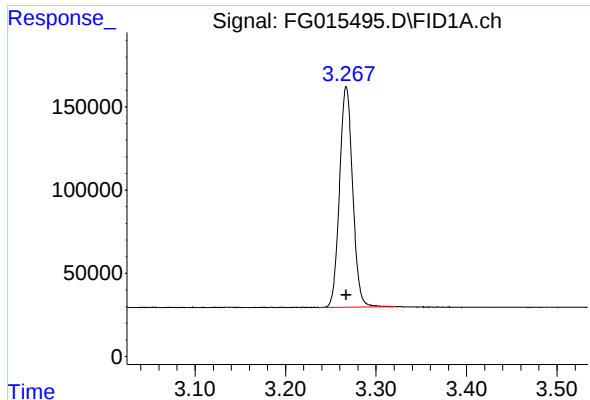
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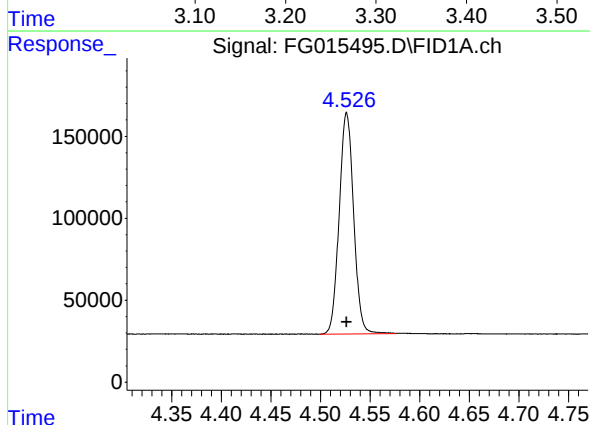




#1 n-Nonane (C9)

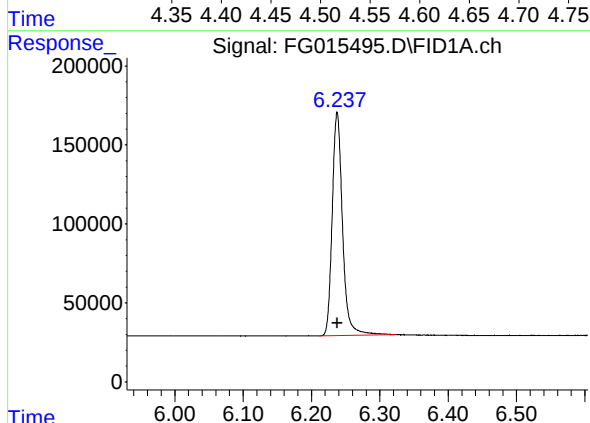
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 1336845
Conc: 10.51 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



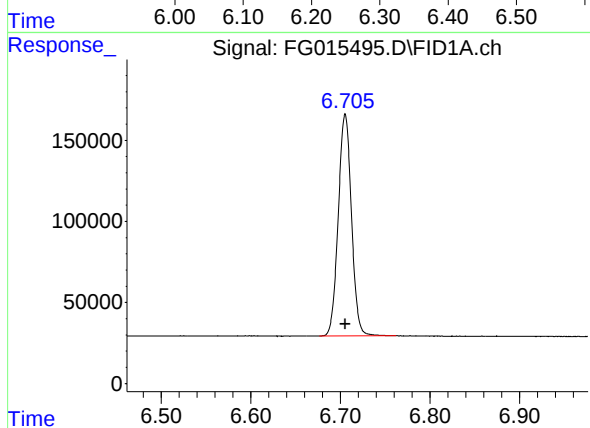
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 1368392
Conc: 10.51 ug/ml



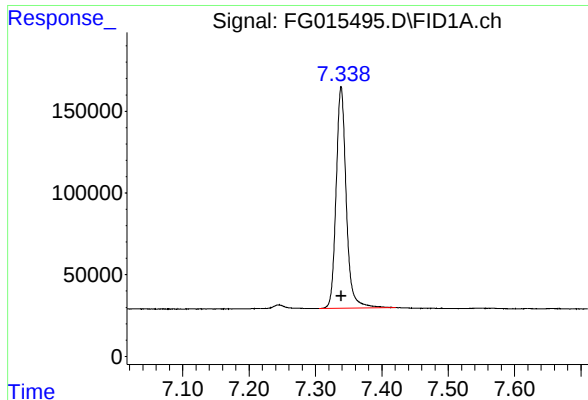
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 1483929
Conc: 10.40 ug/ml



#4 n-Dodecane (C12)

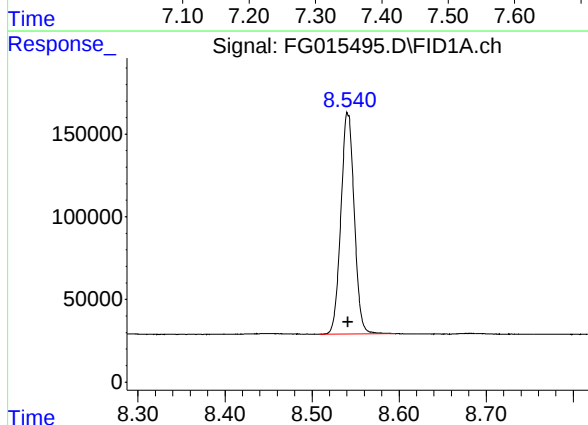
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 1403799
Conc: 10.52 ug/ml



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

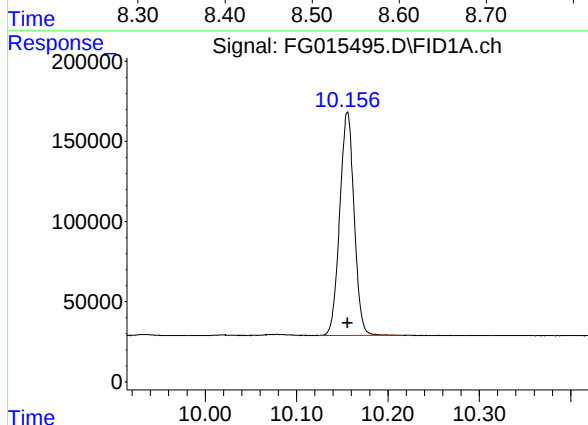
R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 1436997
Conc: 10.33 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



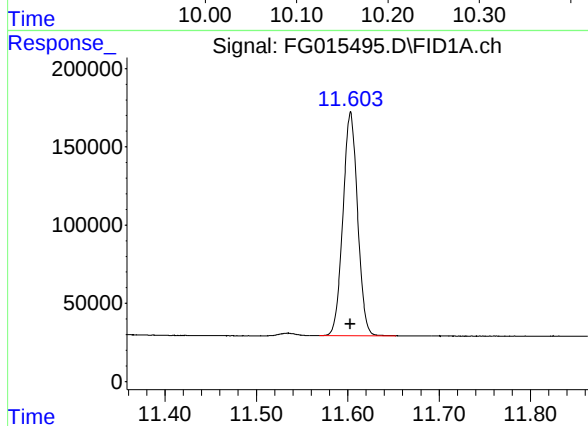
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.000 min
Response: 1429634
Conc: 10.54 ug/ml



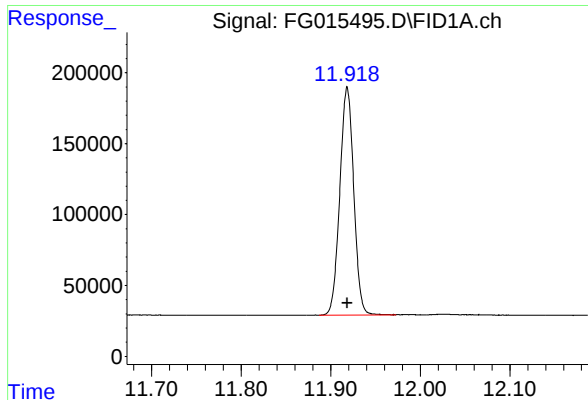
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 1525924
Conc: 10.60 ug/ml



#8 n-Octadecane (C18)

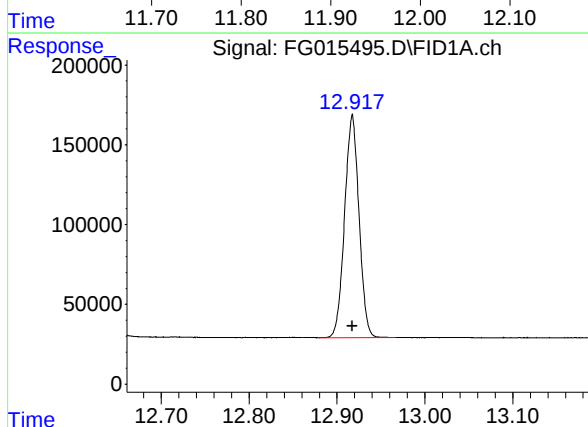
R.T.: 11.603 min
Delta R.T.: 0.000 min
Response: 1592719
Conc: 10.65 ug/ml



#9 ortho-Terphenyl (SURR)

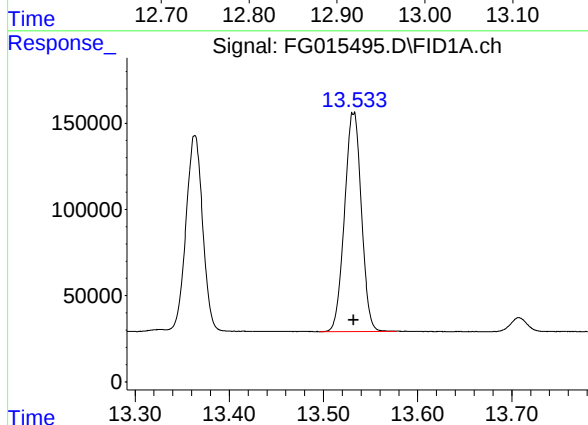
R.T.: 11.919 min
Delta R.T.: 0.000 min
Response: 1733132
Conc: 10.61 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



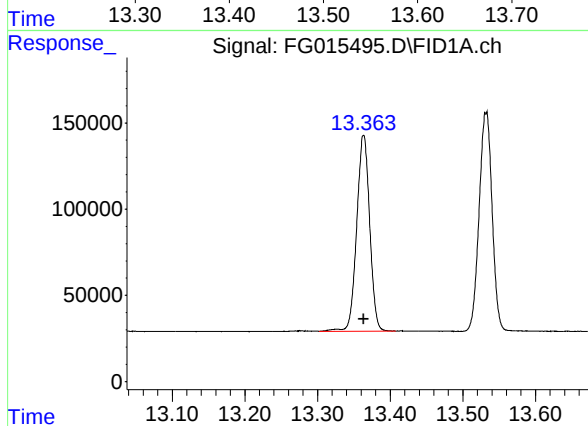
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 1588531
Conc: 10.71 ug/ml



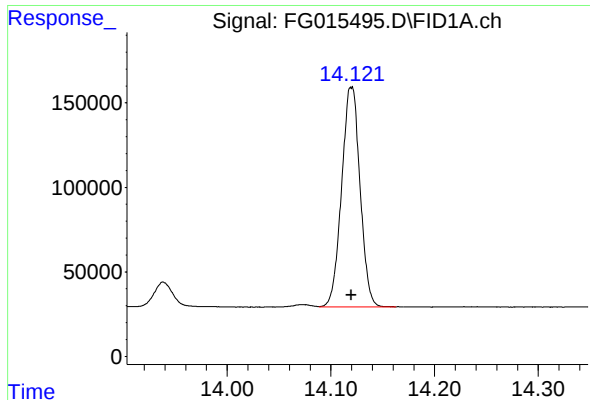
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 1577949
Conc: 10.69 ug/ml



#12 1-chlorooctadecane (SURR)

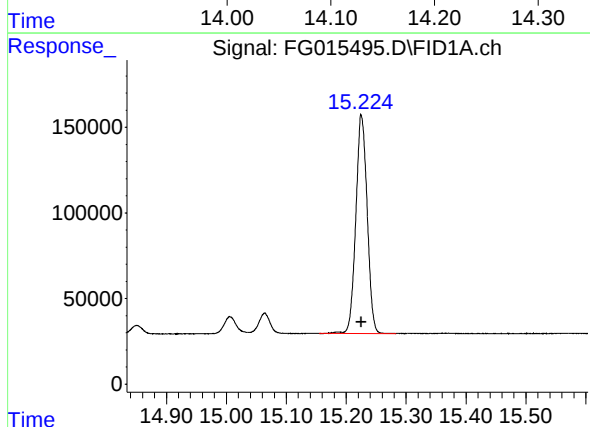
R.T.: 13.363 min
Delta R.T.: 0.000 min
Response: 1412976
Conc: 10.73 ug/ml



#13 n-Docosane (C22)

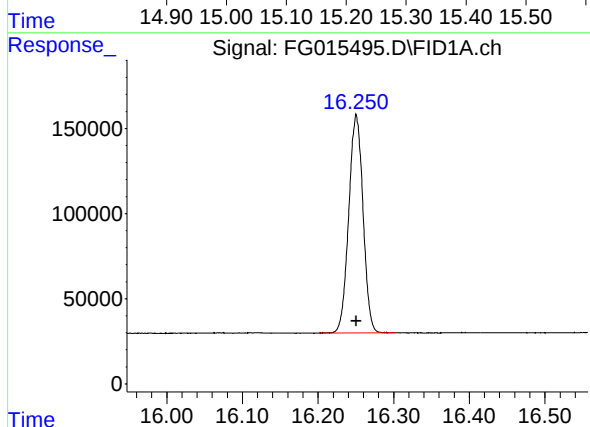
R.T.: 14.120 min
Delta R.T.: 0.000 min
Response: 1607865
Conc: 10.76 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



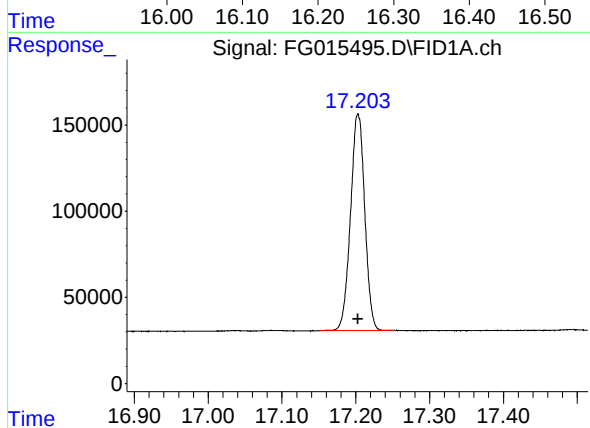
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: 0.000 min
Response: 1677005
Conc: 10.92 ug/ml



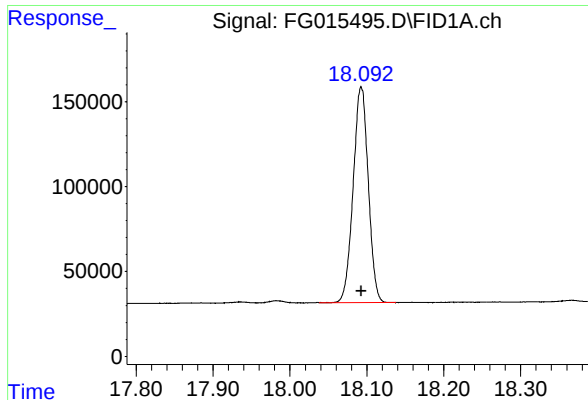
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.000 min
Response: 1681886
Conc: 10.98 ug/ml



#16 n-Octacosane (C28)

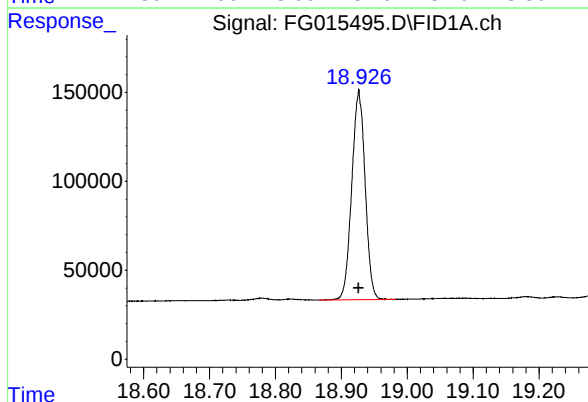
R.T.: 17.203 min
Delta R.T.: 0.000 min
Response: 1686101
Conc: 11.11 ug/ml



#17 n-Tricontane (C30)

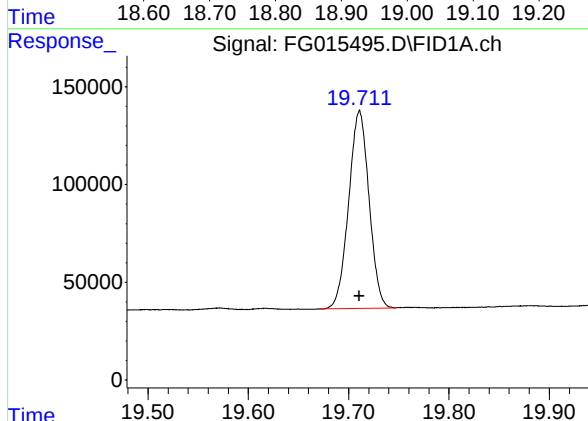
R.T.: 18.093 min
Delta R.T.: 0.000 min
Response: 1734219
Conc: 11.28 ug/ml

Instrument :
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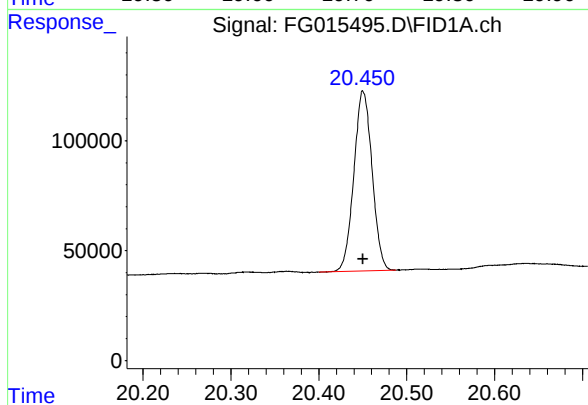
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.000 min
Response: 1655358
Conc: 11.39 ug/ml



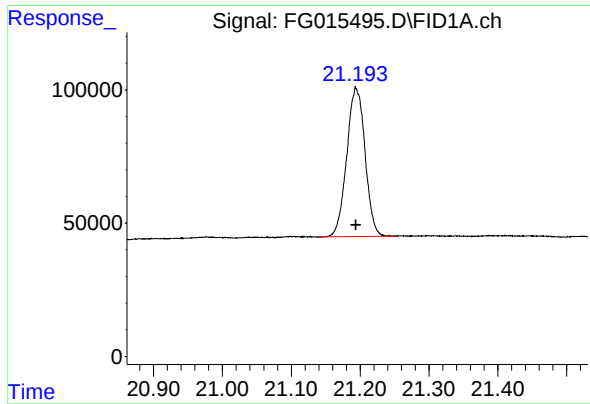
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.000 min
Response: 1426597
Conc: 11.21 ug/ml



#20 n-Hexatriacontane (C36)

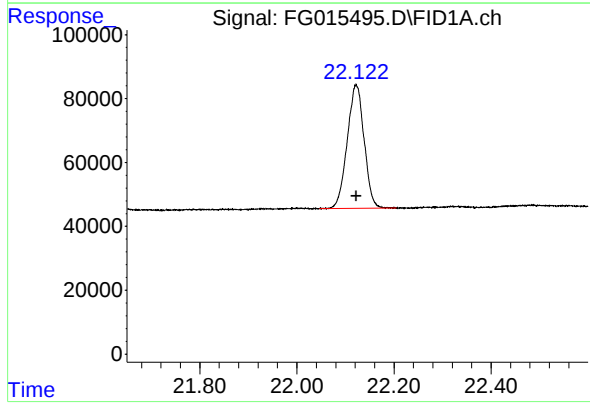
R.T.: 20.450 min
Delta R.T.: 0.000 min
Response: 1177542
Conc: 11.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: 0.000 min
Response: 1031684
Conc: 10.96 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.000 min
Response: 933399
Conc: 10.73 ug/ml