

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070325AL\
 Data File : FE054690.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2025 15:46
 Operator : YP\AJ
 Sample : Q2487-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 G4(0-6)

Integration File: autoint1.e
 Quant Time: Jul 04 03:01:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.075	4229771	26.046 ug/ml
Spiked Amount 50.000		Recovery =	52.09%
12) S 1-chlorooctadecane (S...	13.511	3577115	28.324 ug/ml
Spiked Amount 50.000		Recovery =	56.65%
Target Compounds			
1) T n-Nonane (C9)	3.418	38527	0.286 ug/ml
3) T A~Naphthalene (C11.7)	6.391	49364	0.326 ug/ml
4) T n-Dodecane (C12)	6.849	26366	0.192 ug/ml
5) T A~2-methylnaphthalene...	7.489	49510	0.337 ug/ml
6) T n-Tetradecane (C14)	8.684	42451	0.306 ug/ml
7) T n-Hexadecane (C16)	10.302	57111	0.401 ug/ml
8) T n-Octadecane (C18)	11.748	43515	0.297 ug/ml
10) T n-Eicosane (C20)	13.061	99881	0.695 ug/ml
11) T n-Heneicosane (C21)	13.695	117921	0.826 ug/ml
13) T n-Docosane (C22)	14.264	93577	0.655 ug/ml
14) T n-Tetracosane (C24)	15.353	465556	3.203 ug/ml
15) T n-Hexacosane (C26)	16.394	122168	0.844 ug/ml
16) T n-Octacosane (C28)	17.352	172465	1.183 ug/ml
17) T n-Tricontane (C30)	18.236	359896	2.284 ug/ml
18) T n-Dotriacontane (C32)	19.071	321655	1.988 ug/ml
19) T n-Tetratriacontane (C34)	19.854	299545	1.966 ug/ml
20) T n-Hexatriacontane (C36)	20.597	363503	2.704 ug/ml
21) T n-Octatriacontane (C38)	21.377	295974	2.524 ug/ml
22) T n-Tetracontane (C40)	22.369	276351	2.550 ug/ml

(f)=RT Delta > 1/2 Window

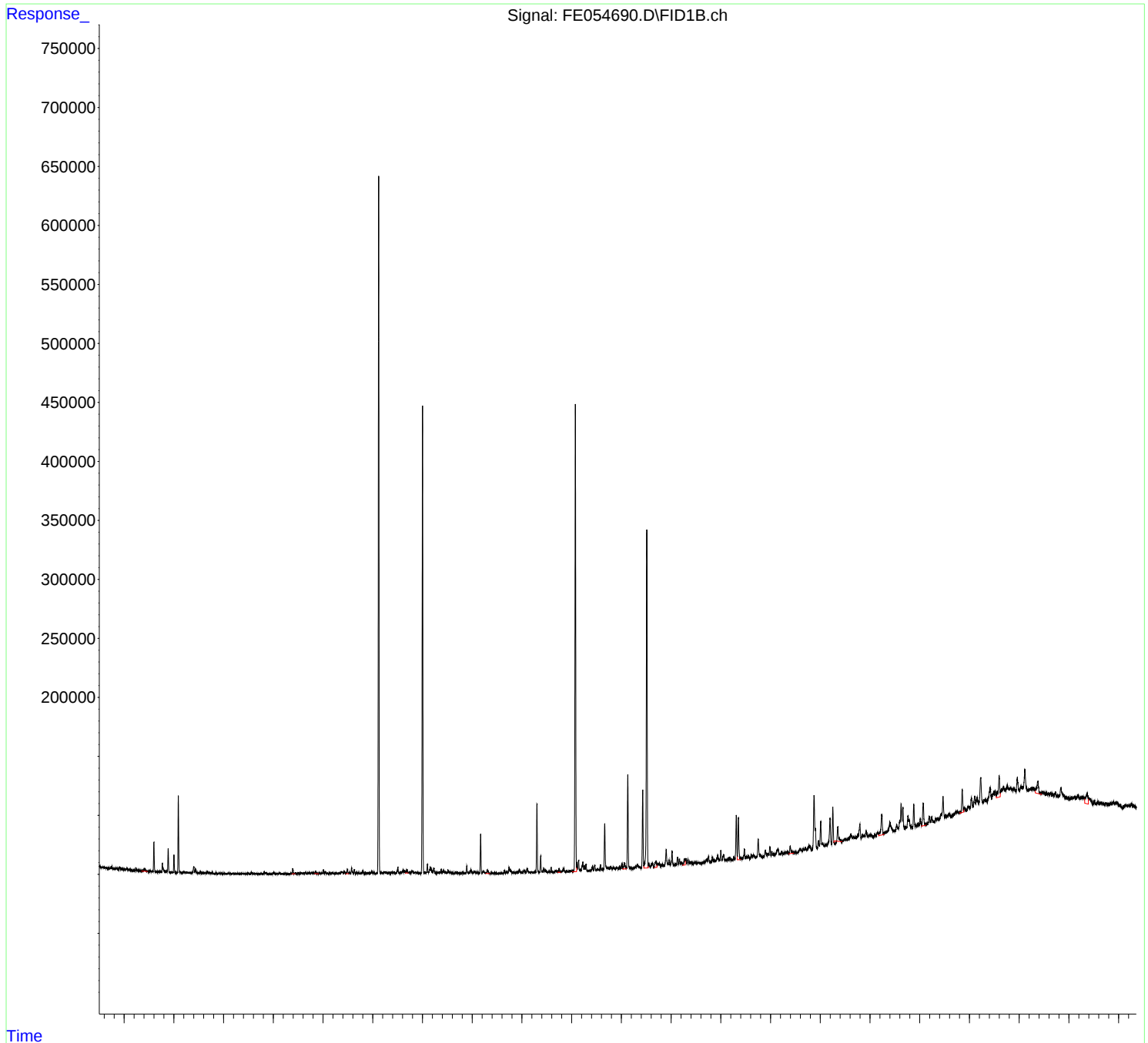
(m)=manual int.

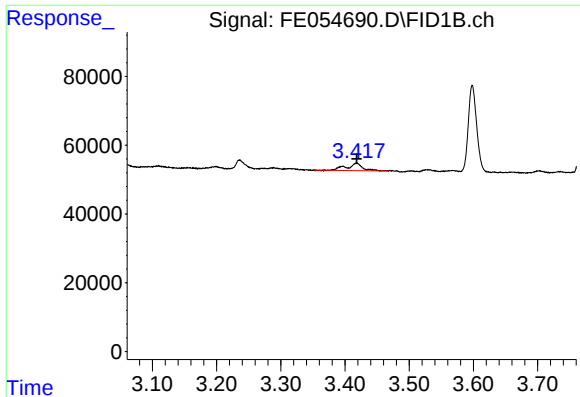
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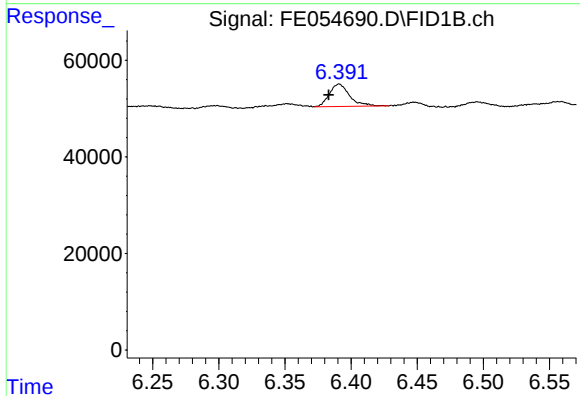




#1 n-Nonane (C9)

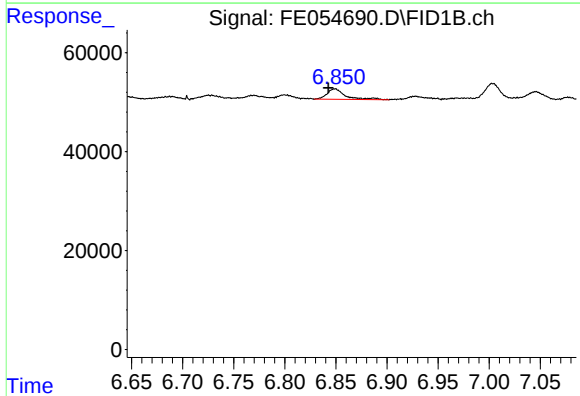
R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 38527
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(0-6)



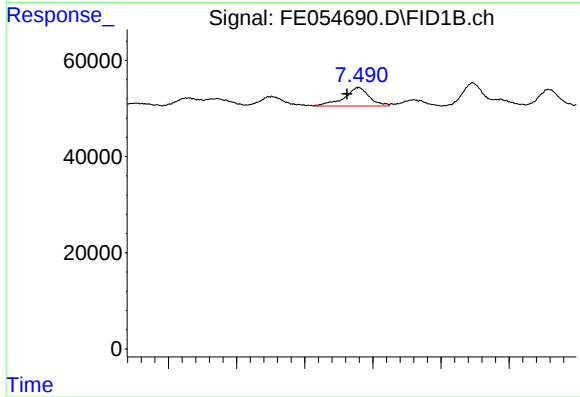
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: 0.008 min
Response: 49364
Conc: 0.33 ug/ml



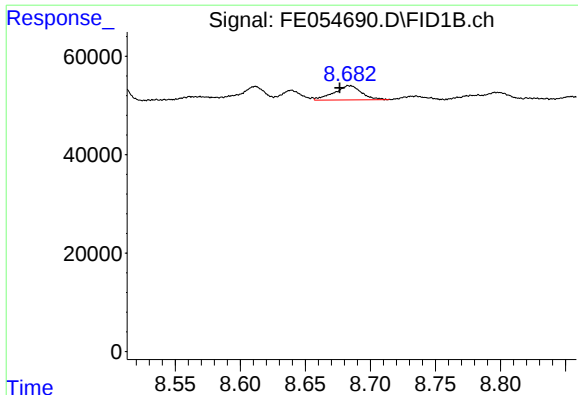
#4 n-Dodecane (C12)

R.T.: 6.849 min
Delta R.T.: 0.006 min
Response: 26366
Conc: 0.19 ug/ml



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

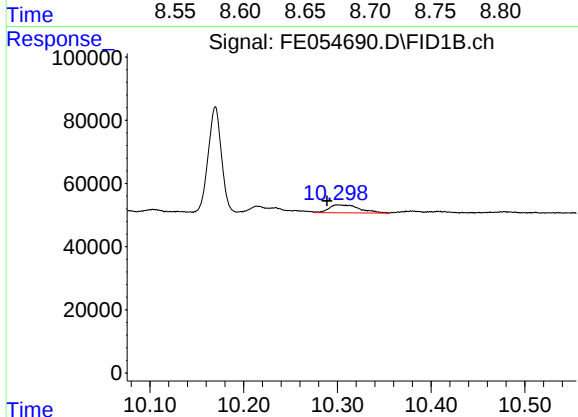
R.T.: 7.489 min
Delta R.T.: 0.008 min
Response: 49510
Conc: 0.34 ug/ml



#6 n-Tetradecane (C14)

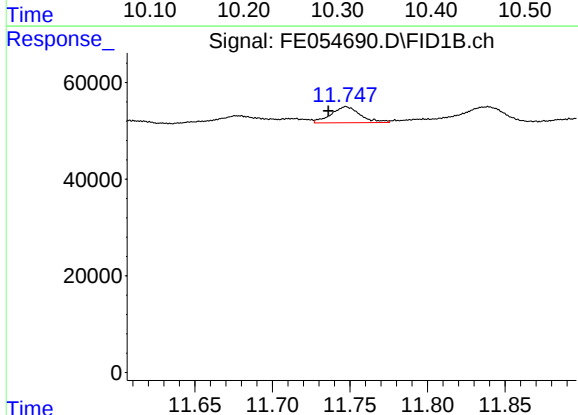
R.T.: 8.684 min
Delta R.T.: 0.008 min
Response: 42451
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(0-6)



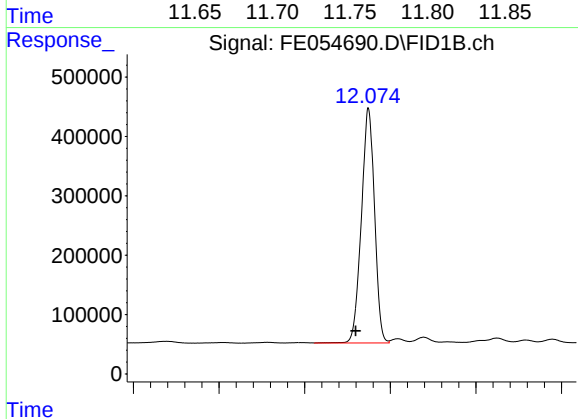
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: 0.013 min
Response: 57111
Conc: 0.40 ug/ml



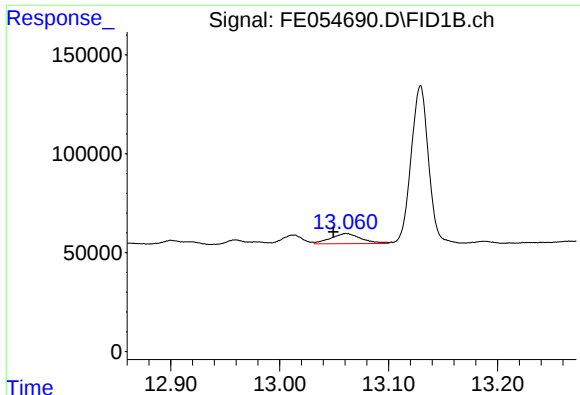
#8 n-Octadecane (C18)

R.T.: 11.748 min
Delta R.T.: 0.012 min
Response: 43515
Conc: 0.30 ug/ml



#9 ortho-Terphenyl (SURR)

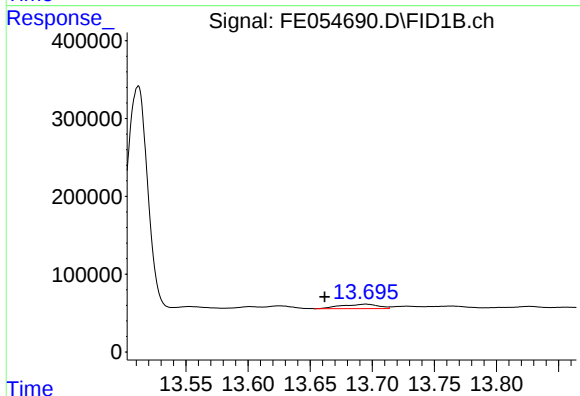
R.T.: 12.075 min
Delta R.T.: 0.015 min
Response: 4229771
Conc: 26.05 ug/ml



#10 n-Eicosane (C20)

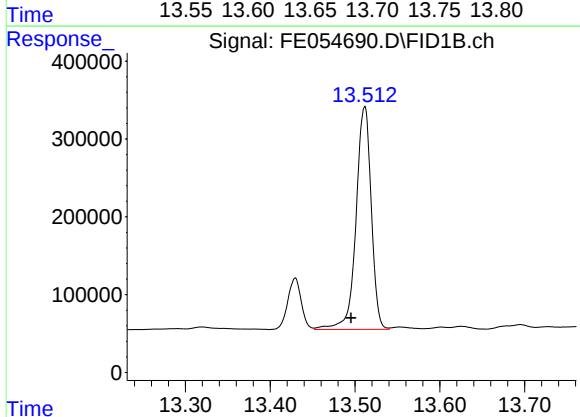
R.T.: 13.061 min
Delta R.T.: 0.012 min
Response: 99881
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(0-6)



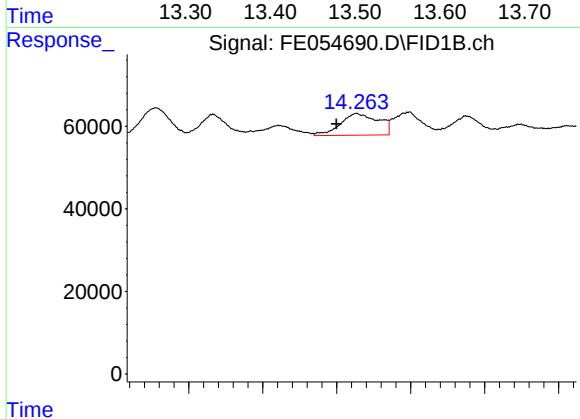
#11 n-Heneicosane (C21)

R.T.: 13.695 min
Delta R.T.: 0.033 min
Response: 117921
Conc: 0.83 ug/ml



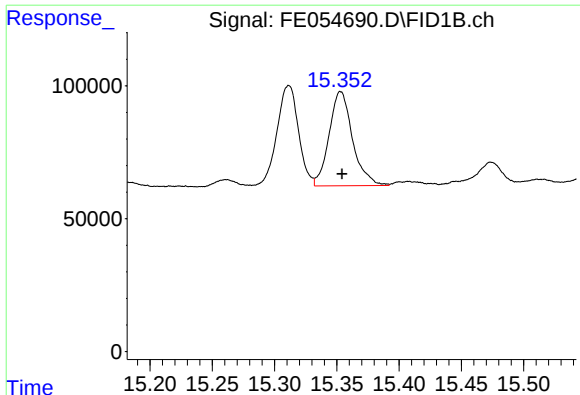
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: 0.016 min
Response: 3577115
Conc: 28.32 ug/ml



#13 n-Docosane (C22)

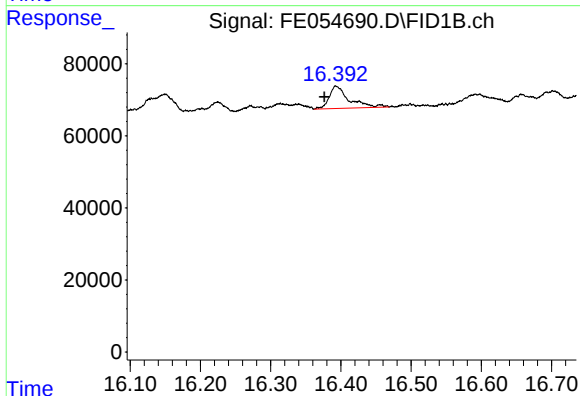
R.T.: 14.264 min
Delta R.T.: 0.014 min
Response: 93577
Conc: 0.66 ug/ml



#14 n-Tetracosane (C24)

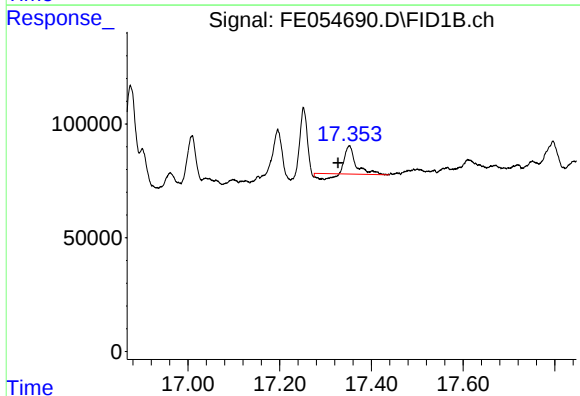
R.T.: 15.353 min
Delta R.T.: -0.001 min
Response: 465556
Conc: 3.20 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(0-6)



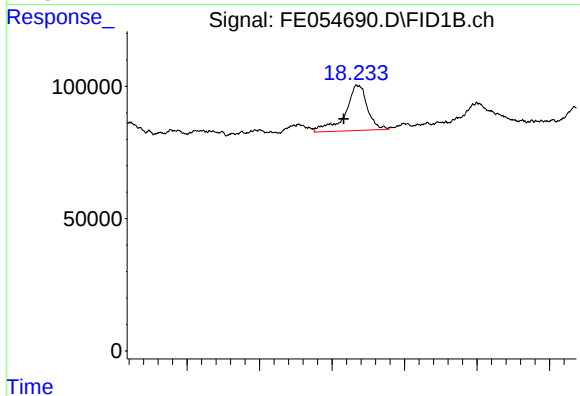
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.017 min
Response: 122168
Conc: 0.84 ug/ml



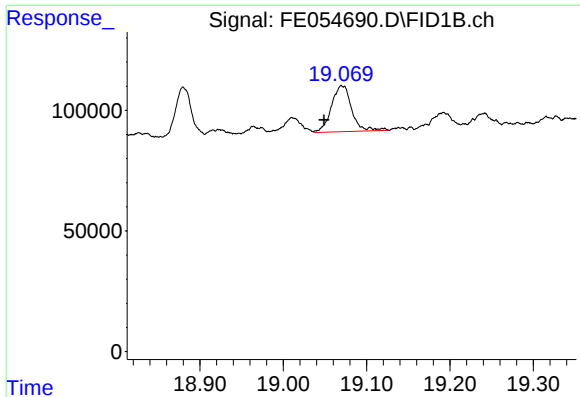
#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: 0.025 min
Response: 172465
Conc: 1.18 ug/ml



#17 n-Tricontane (C30)

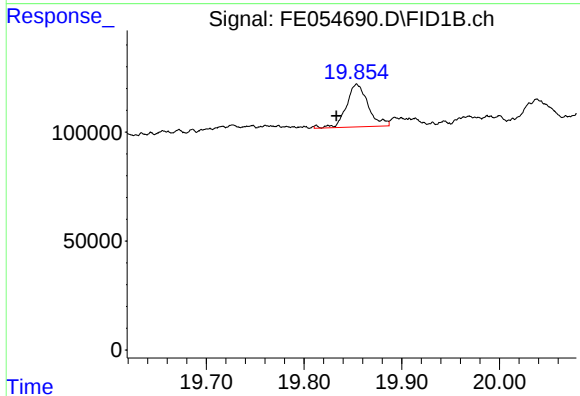
R.T.: 18.236 min
Delta R.T.: 0.020 min
Response: 359896
Conc: 2.28 ug/ml



#18 n-Dotriacontane (C32)

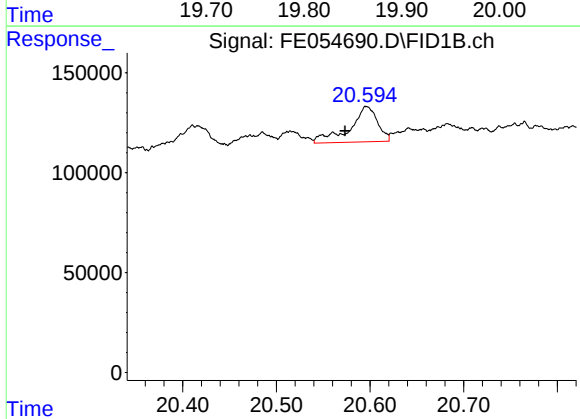
R.T.: 19.071 min
Delta R.T.: 0.022 min
Response: 321655
Conc: 1.99 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(0-6)



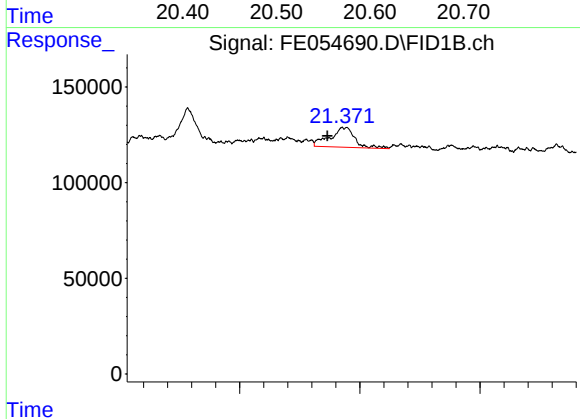
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: 0.021 min
Response: 299545
Conc: 1.97 ug/ml



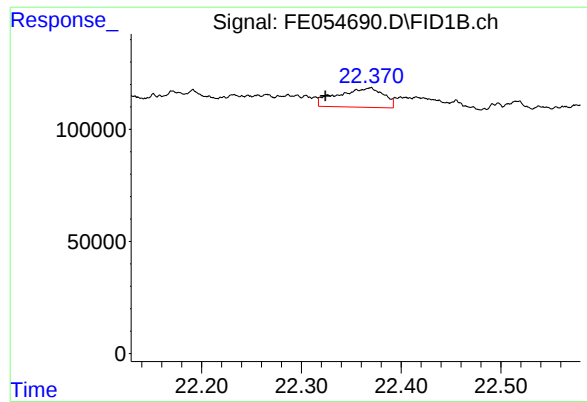
#20 n-Hexatriacontane (C36)

R.T.: 20.597 min
Delta R.T.: 0.024 min
Response: 363503
Conc: 2.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.031 min
Response: 295974
Conc: 2.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.369 min
Delta R.T.: 0.045 min
Response: 276351
Conc: 2.55 ug/ml

Instrument :
FID_E
ClientSampleId :
G4(0-6)