

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032322AL\
 Data File : FE035504.D
 Signal(s) : FID1B.CH
 Acq On : 23 Mar 2022 12:48
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 23 13:22:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 12:46:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.355	758516	5.932 ug/ml
Spiked Amount 50.000		Recovery =	11.86%
12) S 1-chlorooctadecane (S...	12.790	511128	5.556 ug/ml
Spiked Amount 50.000		Recovery =	11.11%
Target Compounds			
1) T n-Nonane (C9)	3.172	620249	5.756 ug/ml
2) T n-Decane (C10)	4.226	603394	5.629 ug/ml
3) T A~Naphthalene (C11.7)	5.801	583584	5.039 ug/ml
4) T n-Dodecane (C12)	6.231	626425	5.661 ug/ml
5) T A~2-methylnaphthalene...	6.852	537926	4.650 ug/ml
6) T n-Tetradecane (C14)	8.018	620241	5.541 ug/ml
7) T n-Hexadecane (C16)	9.611	652031	5.733 ug/ml
8) T n-Octadecane (C18)	11.045	692306	5.934 ug/ml
10) T n-Eicosane (C20)	12.348	687419	5.963 ug/ml
11) T n-Heneicosane (C21)	12.958	686482	5.941 ug/ml
13) T n-Docosane (C22)	13.541	677918	5.902 ug/ml
14) T n-Tetracosane (C24)	14.639	669801	5.907 ug/ml
15) T n-Hexacosane (C26)	15.655	635494	5.789 ug/ml
16) T n-Octacosane (C28)	16.600	603552	5.734 ug/ml
17) T n-Tricontane (C30)	17.484	572092	5.776 ug/ml
18) T n-Dotriacontane (C32)	18.312	527173	5.863 ug/ml
19) T n-Tetratriacontane (C34)	19.092	467618	5.769 ug/ml
20) T n-Hexatriacontane (C36)	19.829	395000	5.469 ug/ml
21) T n-Octatriacontane (C38)	20.531	308905	4.895 ug/ml
22) T n-Tetracontane (C40)	21.341	180190	3.827 ug/ml

(f)=RT Delta > 1/2 Window

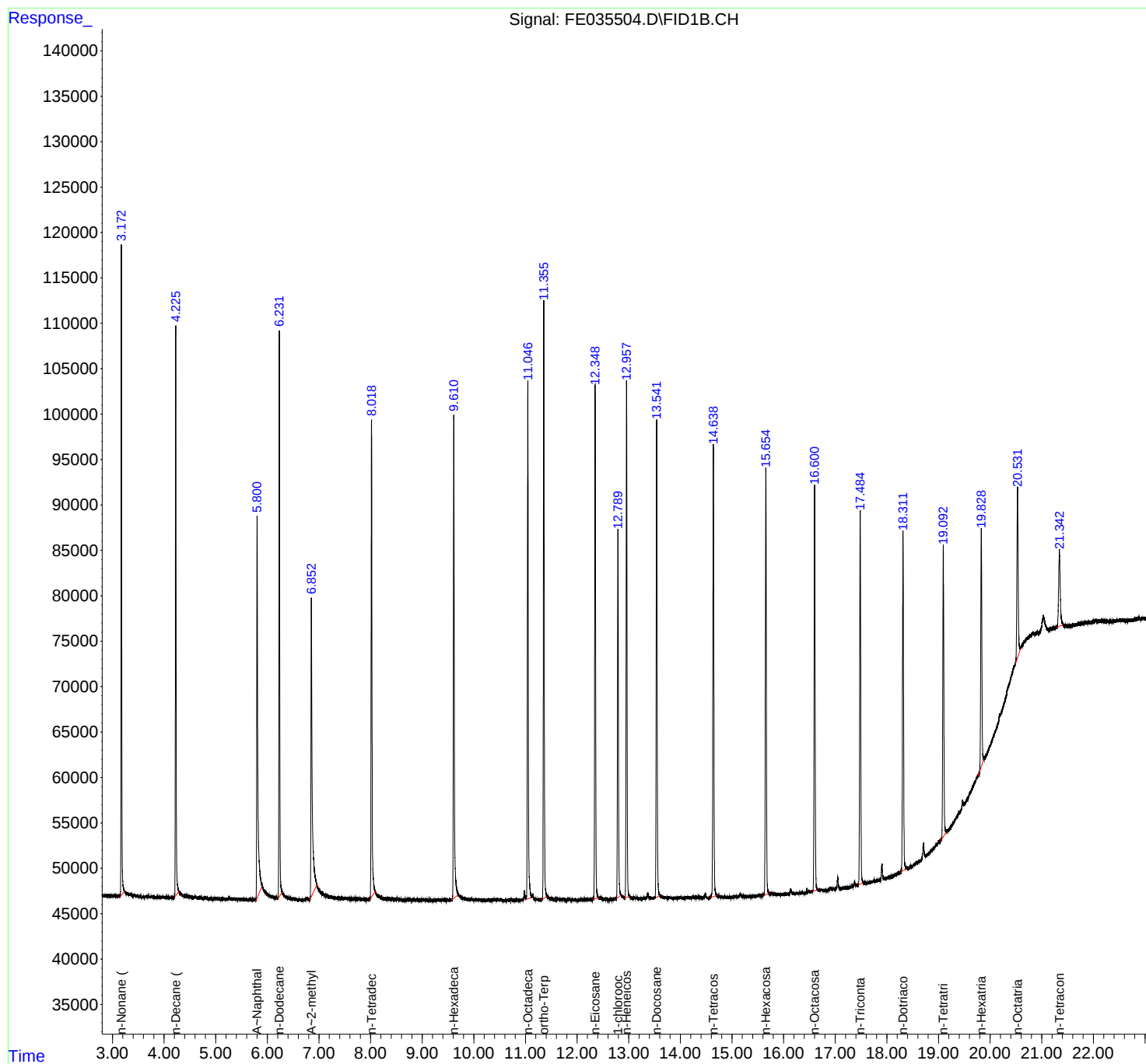
(m)=manual int.

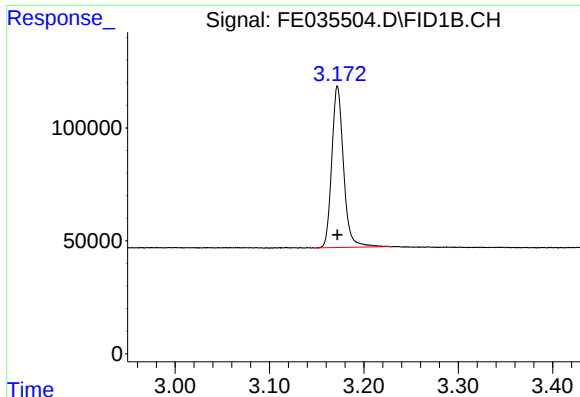
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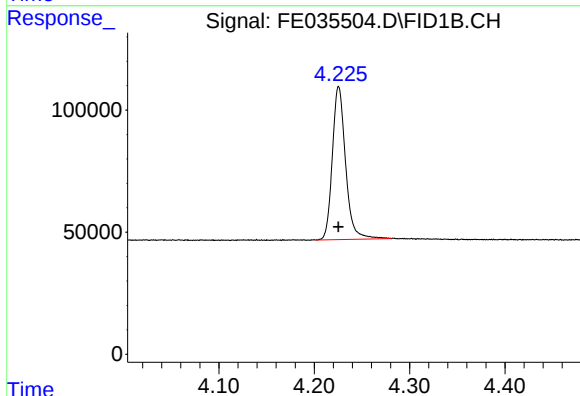




#1 n-Nonane (C9)

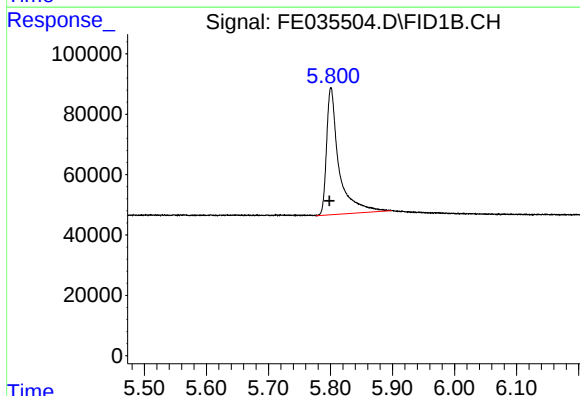
R.T.: 3.172 min
Delta R.T.: 0.000 min
Response: 620249
Conc: 5.76 ug/ml

Instrument :
FID_E
ClientSampleId :



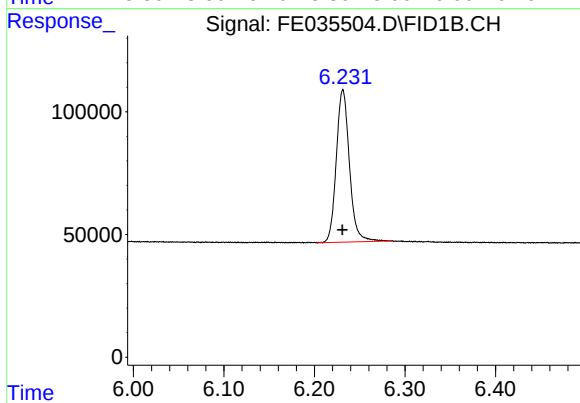
#2 n-Decane (C10)

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 603394
Conc: 5.63 ug/ml



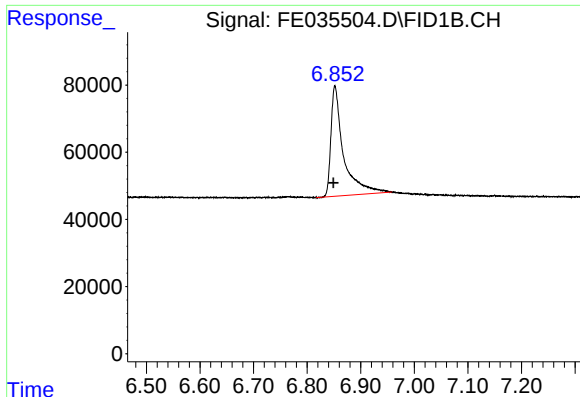
#3 A~Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.003 min
Response: 583584
Conc: 5.04 ug/ml



#4 n-Dodecane (C12)

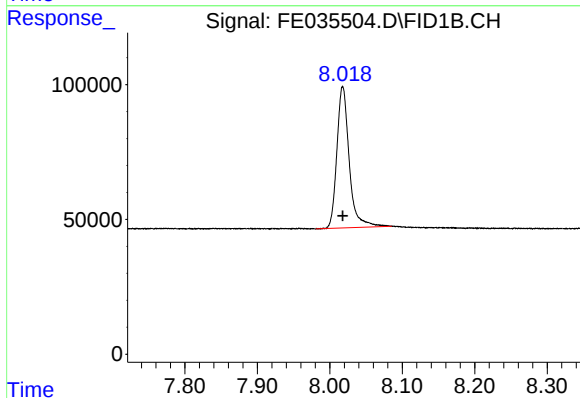
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 626425
Conc: 5.66 ug/ml



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

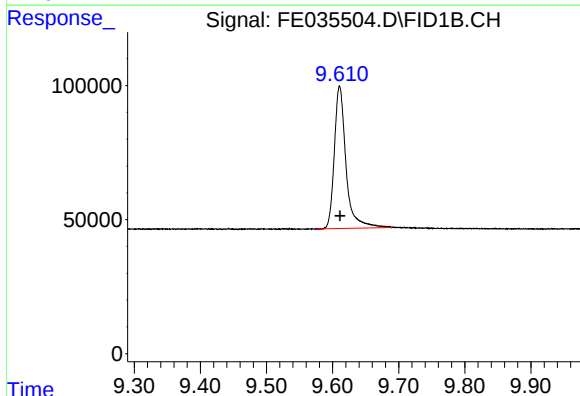
R.T.: 6.852 min
Delta R.T.: 0.003 min
Response: 537926
Conc: 4.65 ug/ml

Instrument :
FID_E
ClientSampleId :



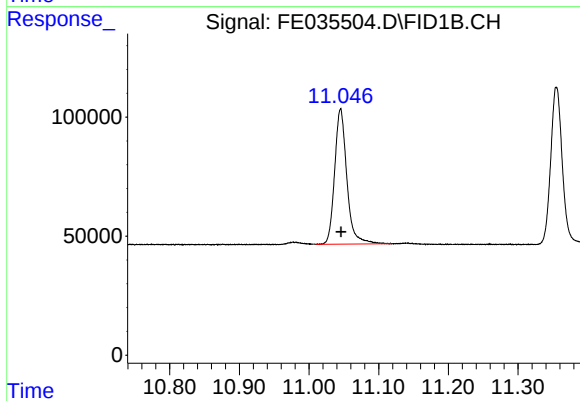
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 620241
Conc: 5.54 ug/ml



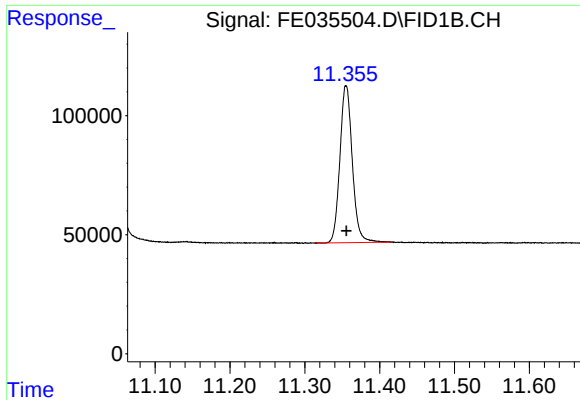
#7 n-Hexadecane (C16)

R.T.: 9.611 min
Delta R.T.: 0.000 min
Response: 652031
Conc: 5.73 ug/ml



#8 n-Octadecane (C18)

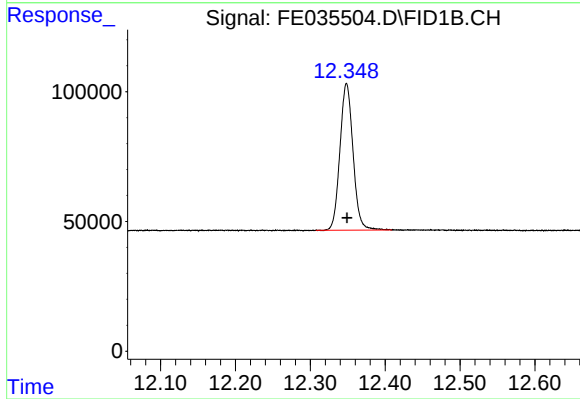
R.T.: 11.045 min
Delta R.T.: 0.000 min
Response: 692306
Conc: 5.93 ug/ml



#9 ortho-Terphenyl (SURR)

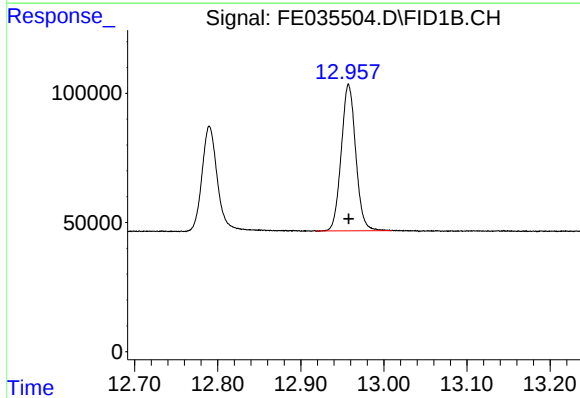
R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 758516
Conc: 5.93 ug/ml

Instrument :
FID_E
ClientSampleId :



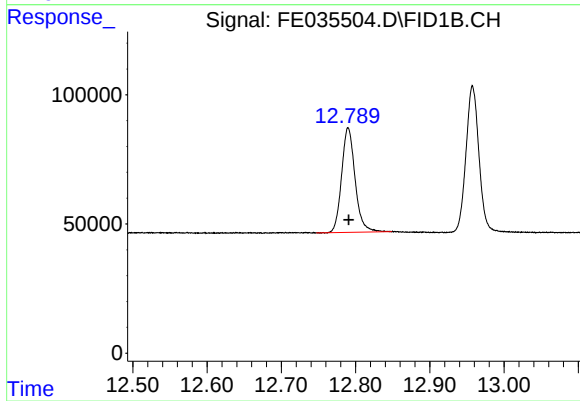
#10 n-Eicosane (C20)

R.T.: 12.348 min
Delta R.T.: 0.000 min
Response: 687419
Conc: 5.96 ug/ml



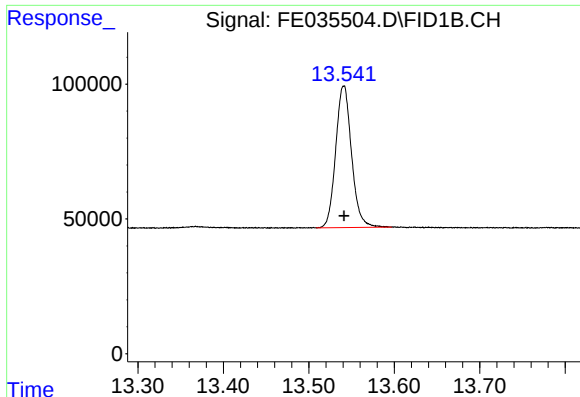
#11 n-Heneicosane (C21)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 686482
Conc: 5.94 ug/ml



#12 1-chlorooctadecane (SURR)

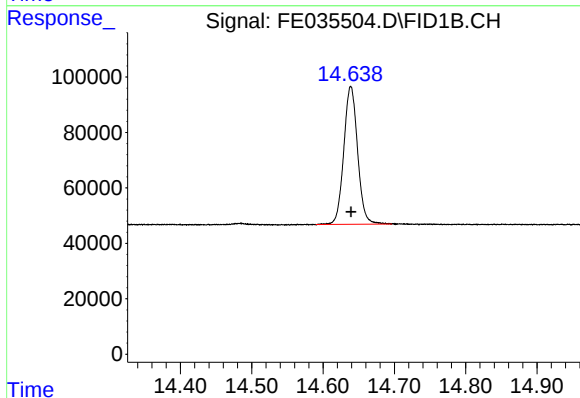
R.T.: 12.790 min
Delta R.T.: 0.000 min
Response: 511128
Conc: 5.56 ug/ml



#13 n-Docosane (C22)

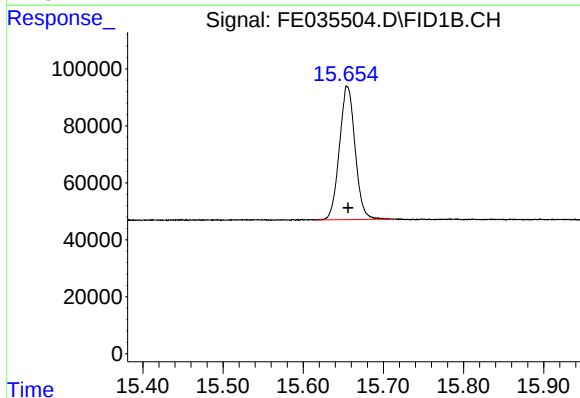
R.T.: 13.541 min
Delta R.T.: 0.000 min
Response: 677918
Conc: 5.90 ug/ml

Instrument :
FID_E
ClientSampleId :



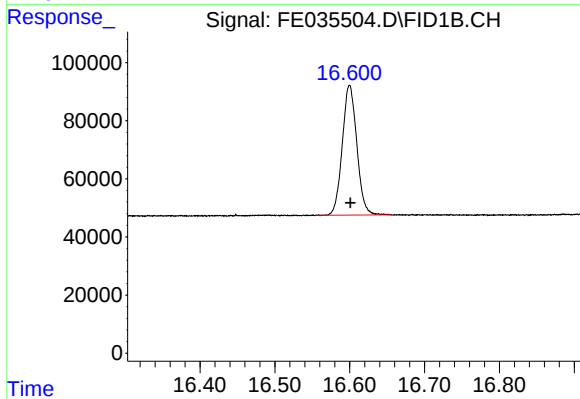
#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: 0.000 min
Response: 669801
Conc: 5.91 ug/ml



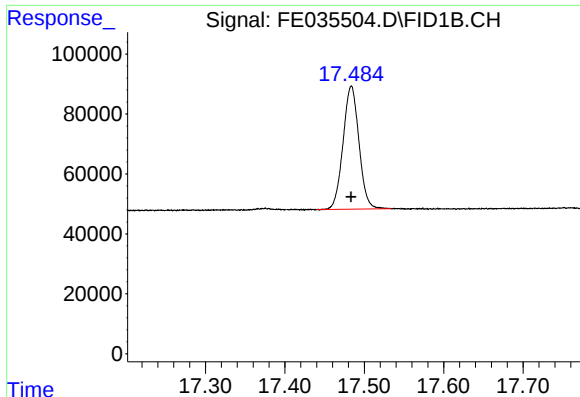
#15 n-Hexacosane (C26)

R.T.: 15.655 min
Delta R.T.: 0.000 min
Response: 635494
Conc: 5.79 ug/ml



#16 n-Octacosane (C28)

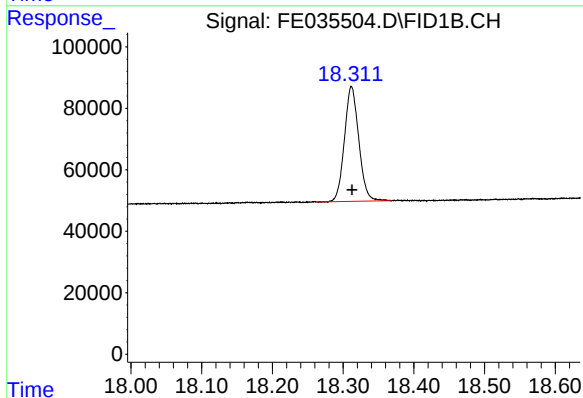
R.T.: 16.600 min
Delta R.T.: 0.000 min
Response: 603552
Conc: 5.73 ug/ml



#17 n-Tricontane (C30)

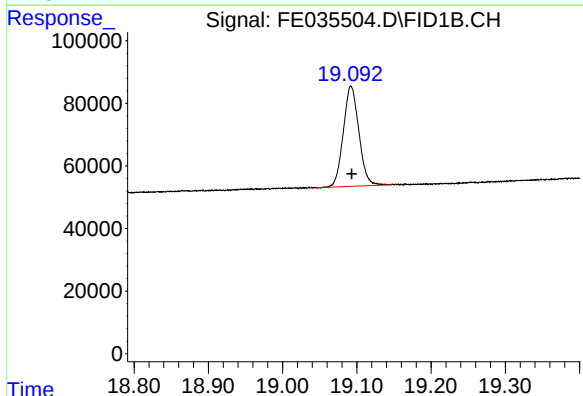
R.T.: 17.484 min
Delta R.T.: 0.000 min
Response: 572092
Conc: 5.78 ug/ml

Instrument :
FID_E
ClientSampleId :



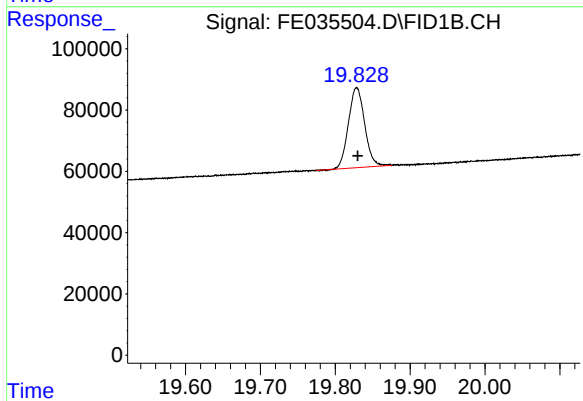
#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: 0.000 min
Response: 527173
Conc: 5.86 ug/ml



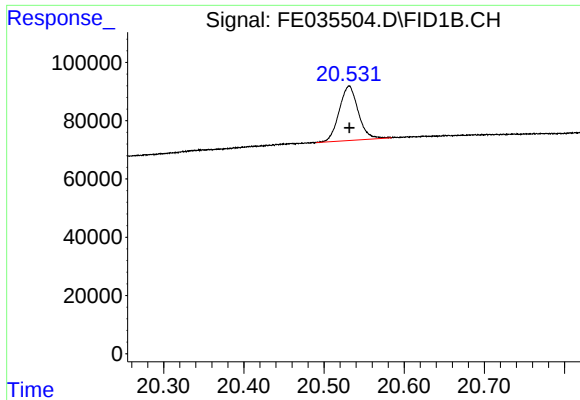
#19 n-Tetratriacontane (C34)

R.T.: 19.092 min
Delta R.T.: 0.000 min
Response: 467618
Conc: 5.77 ug/ml



#20 n-Hexatriacontane (C36)

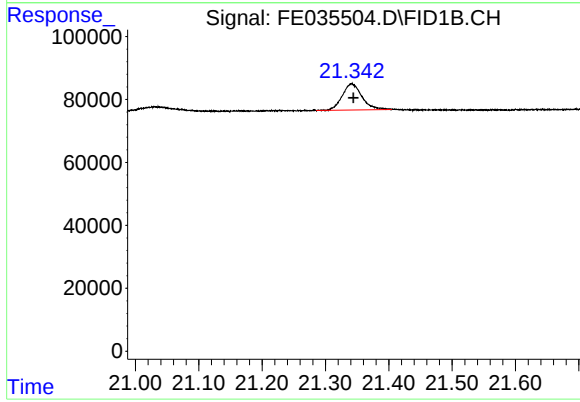
R.T.: 19.829 min
Delta R.T.: -0.001 min
Response: 395000
Conc: 5.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 308905
Conc: 4.90 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.341 min
Delta R.T.: -0.003 min
Response: 180190
Conc: 3.83 ug/ml