

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081922AL\
 Data File : FD043685.D
 Signal(s) : FID2B.ch
 Acq On : 19 Aug 2022 17:09
 Operator : YP/AJ
 Sample : N4247-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 18:19:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 2022
 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)	11.520	2663604	16.827 ug/ml
Spiked Amount 50.000		Recovery =	33.65%
12) S 1-chlorooctadecane (S...	12.961	2535997	20.692 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
Target Compounds			
1) T n-Nonane (C9)	3.298	1711	0.012 ug/ml
2) T n-Decane (C10)	4.363	33522	0.238 ug/ml
3) T A~Naphthalene (C11.7)	5.941	253909	1.671 ug/ml
4) T n-Dodecane (C12)	6.378	185368	1.302 ug/ml
5) T A~2-methylnaphthalene...	7.030	85203	0.569 ug/ml
6) T n-Tetradecane (C14)	8.171	1552357	10.944 ug/ml
7) T n-Hexadecane (C16)	9.770	2704551	19.069 ug/ml
8) T n-Octadecane (C18)	11.209	4337115	30.332 ug/ml
10) T n-Eicosane (C20)	12.517	4393003	30.340 ug/ml
11) T n-Heneicosane (C21)	13.128	4183637	28.804 ug/ml
13) T n-Docosane (C22)	13.711	3121649	21.517 ug/ml
14) T n-Tetracosane (C24)	14.811	1718445	11.862 ug/ml
15) T n-Hexacosane (C26)	15.830	433848	3.016 ug/ml
16) T n-Octacosane (C28)	16.795	61082	0.432 ug/ml
17) T n-Tricontane (C30)	17.656	84589	0.599 ug/ml
18) T n-Dotriacontane (C32)	18.486	99378	0.719 ug/ml
19) T n-Tetratriacontane (C34)	19.274	579097	4.500 ug/ml
20) T n-Hexatriacontane (C36)	20.060	1203393	9.756 ug/ml
21) T n-Octatriacontane (C38)	20.722	2679109	22.657 ug/ml
22) T n-Tetracontane (C40)	21.602	774181	6.847 ug/ml

(f)=RT Delta > 1/2 Window

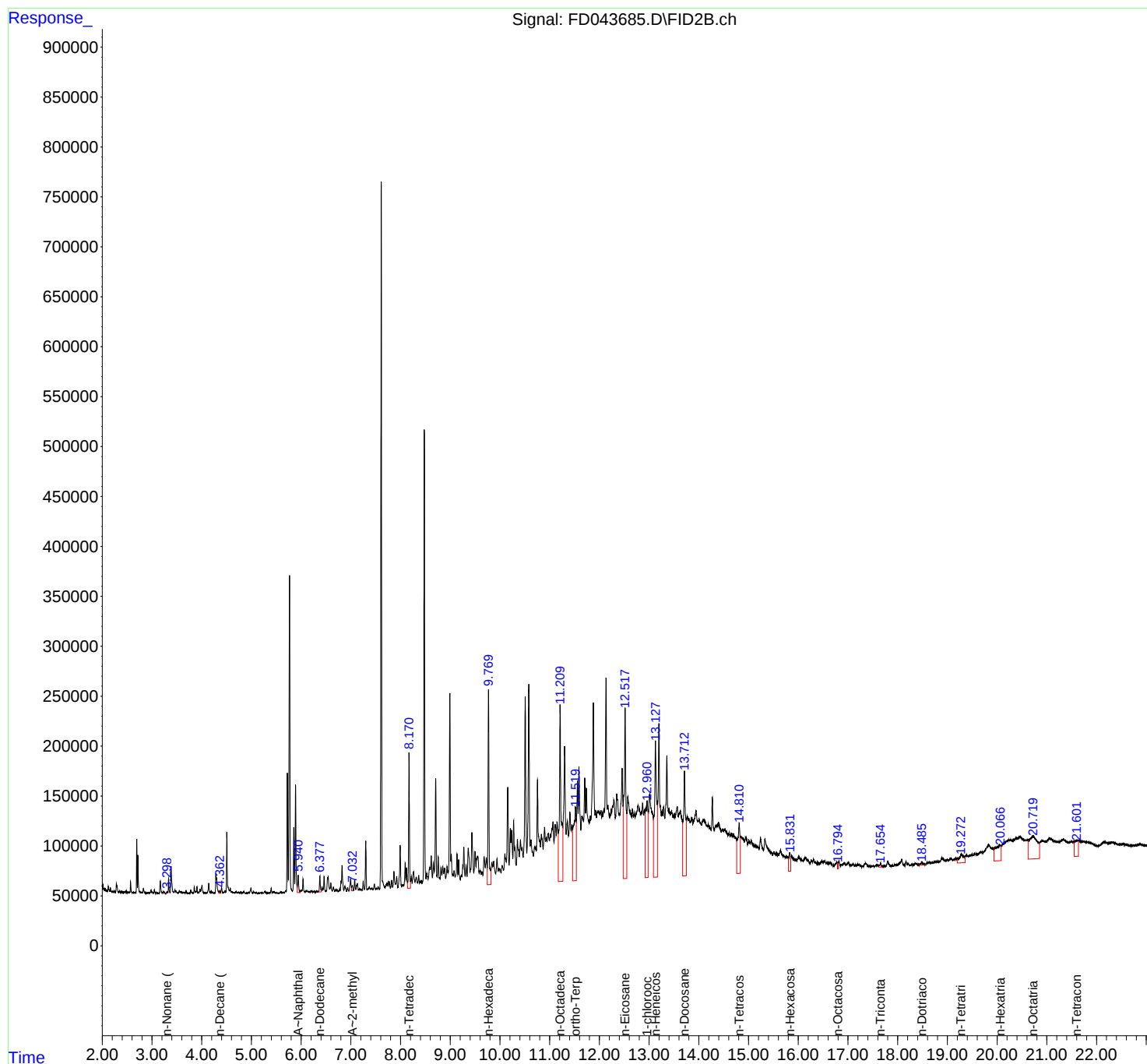
(m)=manual int.

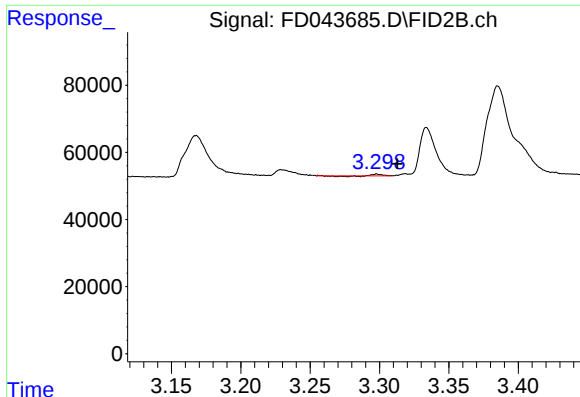
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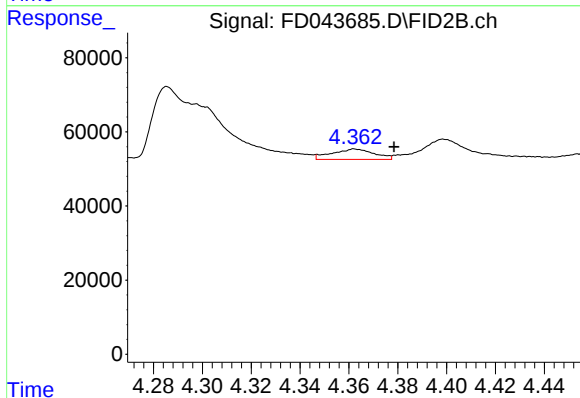




#1 n-Nonane (C9)

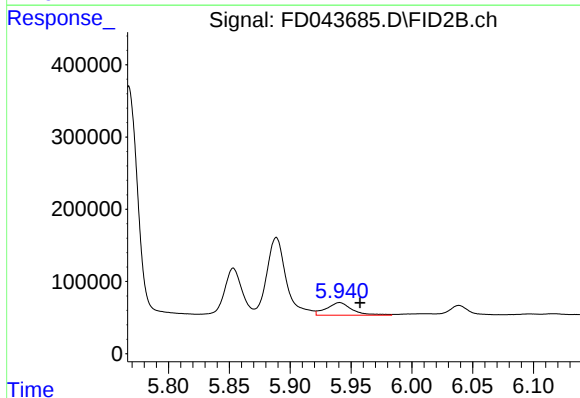
R.T.: 3.298 min
Delta R.T.: -0.015 min
Response: 1711
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



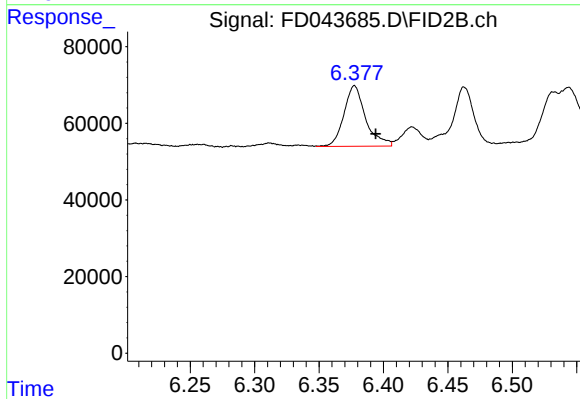
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.016 min
Response: 33522
Conc: 0.24 ug/ml



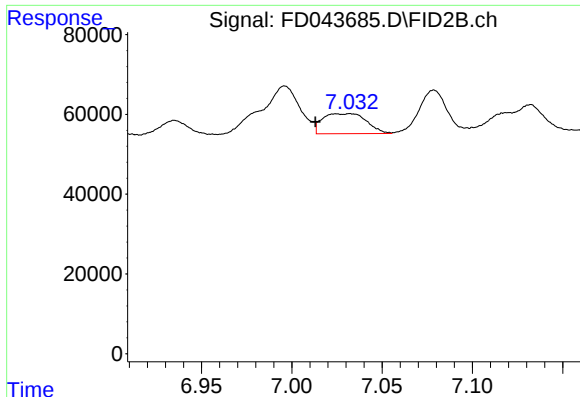
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.017 min
Response: 253909
Conc: 1.67 ug/ml



#4 n-Dodecane (C12)

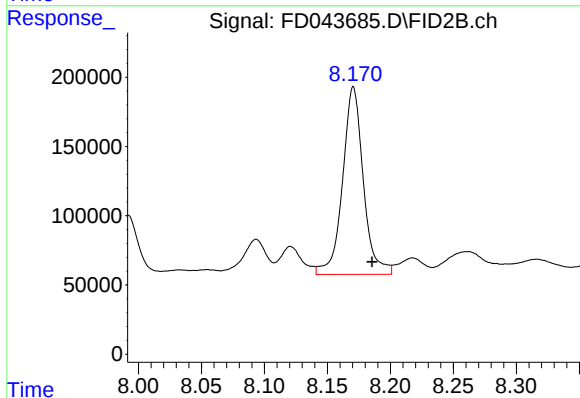
R.T.: 6.378 min
Delta R.T.: -0.016 min
Response: 185368
Conc: 1.30 ug/ml



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

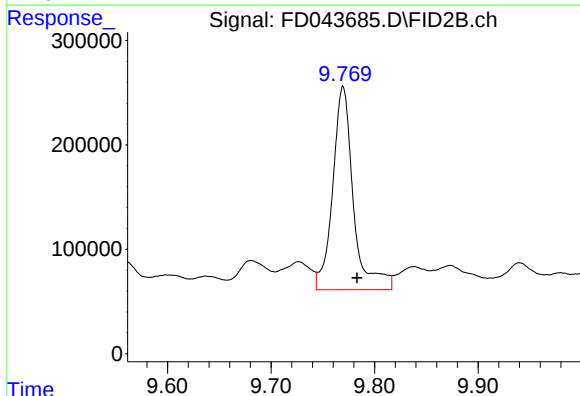
R.T.: 7.030 min
Delta R.T.: 0.017 min
Response: 85203
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



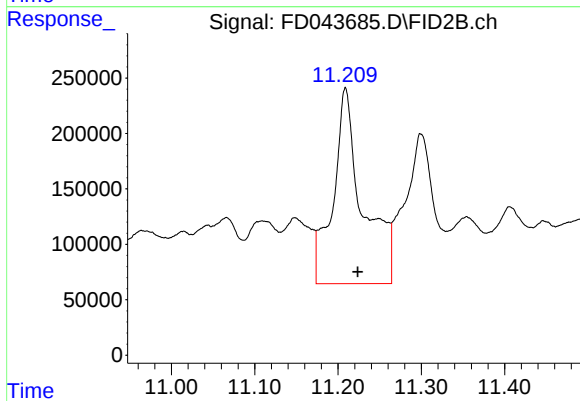
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.015 min
Response: 1552357
Conc: 10.94 ug/ml



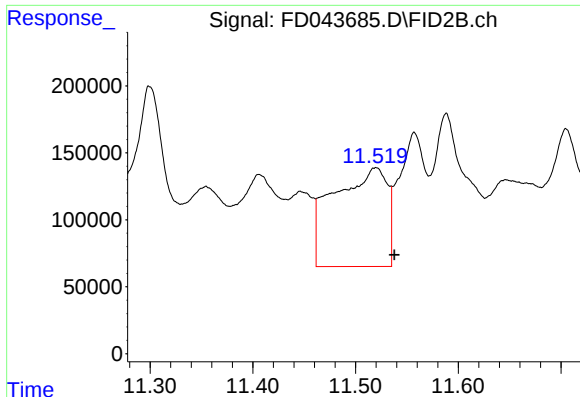
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.014 min
Response: 2704551
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

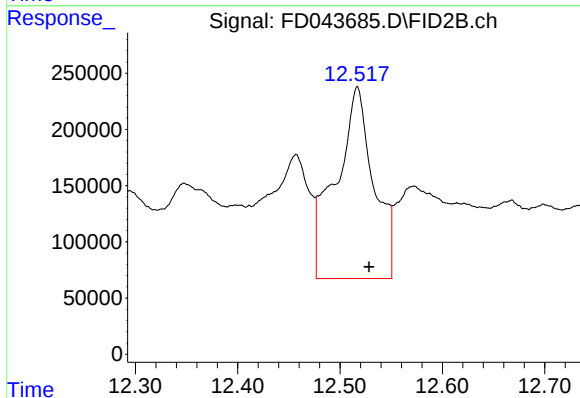
R.T.: 11.209 min
Delta R.T.: -0.015 min
Response: 4337115
Conc: 30.33 ug/ml



#9 ortho-Terphenyl (SURR)

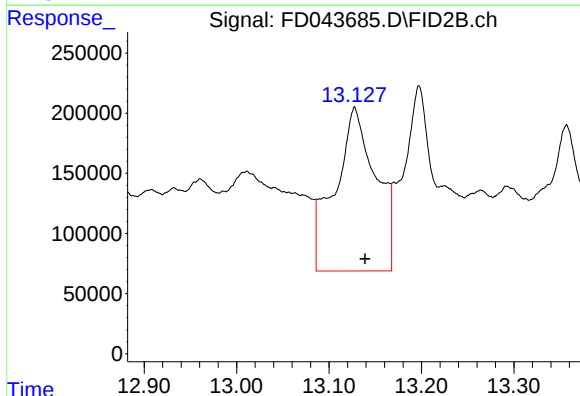
R.T.: 11.520 min
Delta R.T.: -0.018 min
Response: 2663604
Conc: 16.83 ug/ml

Instrument :
FID_D
ClientSampleId :



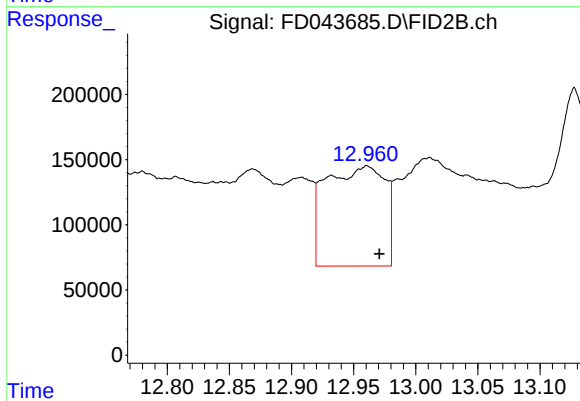
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.012 min
Response: 4393003
Conc: 30.34 ug/ml



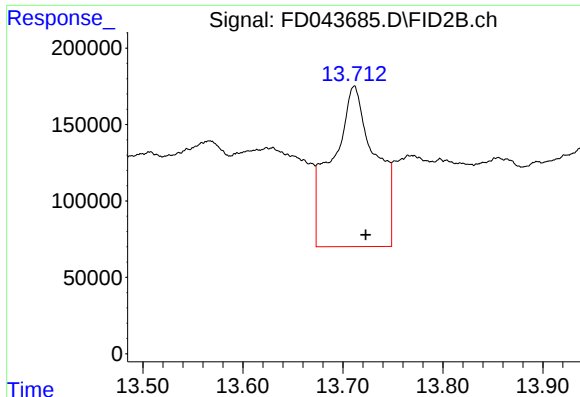
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: -0.011 min
Response: 4183637
Conc: 28.80 ug/ml



#12 1-chlorooctadecane (SURR)

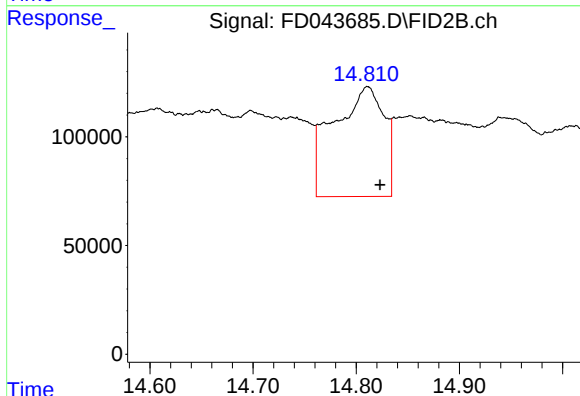
R.T.: 12.961 min
Delta R.T.: -0.010 min
Response: 2535997
Conc: 20.69 ug/ml



#13 n-Docosane (C22)

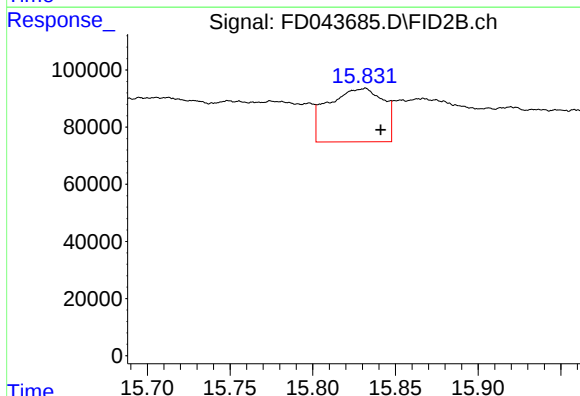
R.T.: 13.711 min
Delta R.T.: -0.012 min
Response: 3121649
Conc: 21.52 ug/ml

Instrument :
FID_D
ClientSampleId :



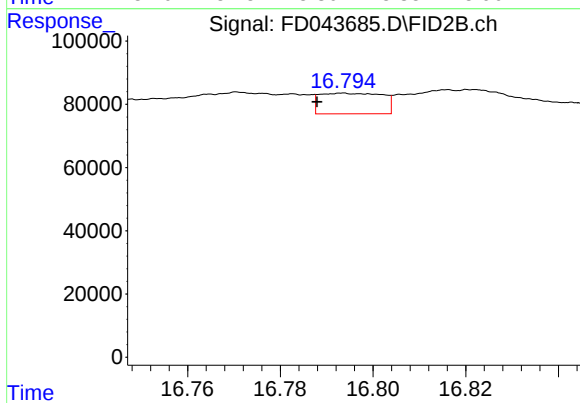
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.012 min
Response: 1718445
Conc: 11.86 ug/ml



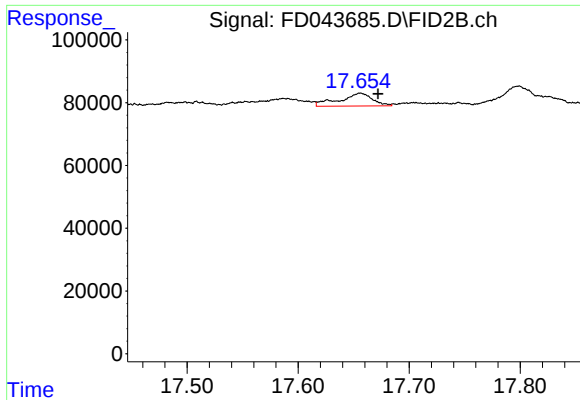
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.011 min
Response: 433848
Conc: 3.02 ug/ml



#16 n-Octacosane (C28)

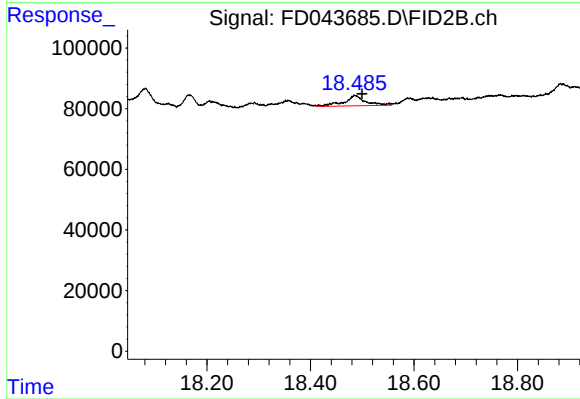
R.T.: 16.795 min
Delta R.T.: 0.007 min
Response: 61082
Conc: 0.43 ug/ml



#17 n-Tricontane (C30)

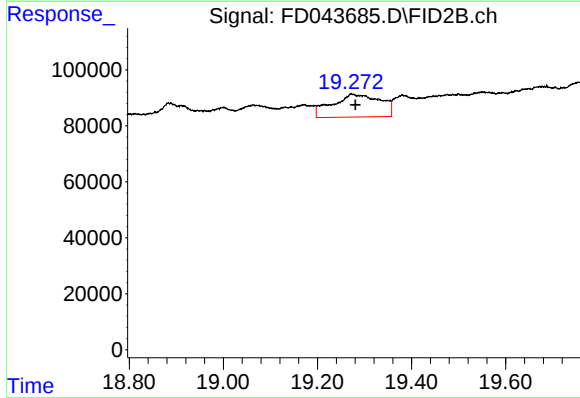
R.T.: 17.656 min
Delta R.T.: -0.016 min
Response: 84589
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



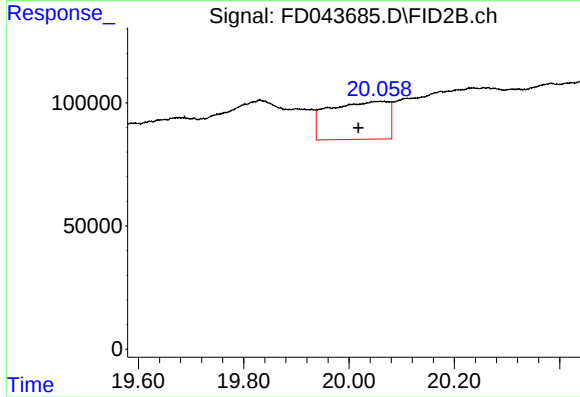
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.014 min
Response: 99378
Conc: 0.72 ug/ml



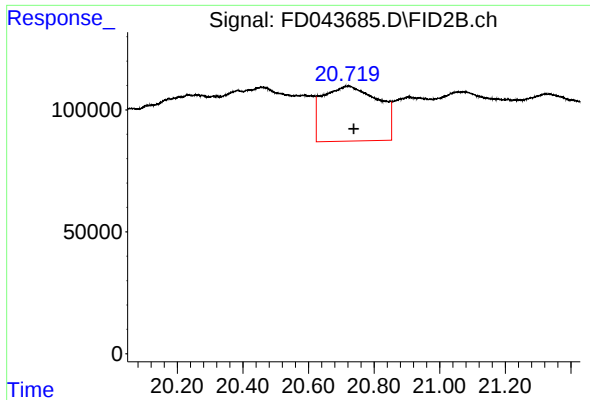
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: -0.007 min
Response: 579097
Conc: 4.50 ug/ml



#20 n-Hexatriacontane (C36)

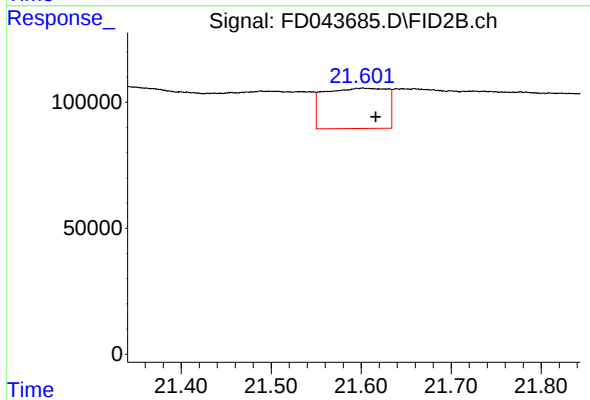
R.T.: 20.060 min
Delta R.T.: 0.042 min
Response: 1203393
Conc: 9.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: -0.016 min
Response: 2679109
Conc: 22.66 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.014 min
Response: 774181
Conc: 6.85 ug/ml