

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060625AL\
 Data File : FG015978.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 22:29
 Operator : YP\AJ
 Sample : Q2225-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SU-03-06042025-E2

Integration File: autoint1.e
 Quant Time: Jun 06 23:55:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.878	4573488	30.718 ug/ml
Spiked Amount 50.000		Recovery =	61.44%
12) S 1-chlorooctadecane (S...	13.324	4768595	41.394 ug/ml
Spiked Amount 50.000		Recovery =	82.79%
Target Compounds			
2) T n-Decane (C10)	4.480	61132	0.540 ug/ml
3) T A~Naphthalene (C11.7)	6.216	103205	0.883 ug/ml
4) T n-Dodecane (C12)	6.662	342989	2.977 ug/ml
5) T A~2-methylnaphthalene...	7.343	73082	0.640 ug/ml
6) T n-Tetradecane (C14)	8.499	648198	5.628 ug/ml
7) T n-Hexadecane (C16)	10.112	410429	3.470 ug/ml
8) T n-Octadecane (C18)	11.560	301870	2.483 ug/ml
10) T n-Eicosane (C20)	12.874	324387	2.647 ug/ml
11) T n-Heneicosane (C21)	13.487	212751	1.737 ug/ml
13) T n-Docosane (C22)	14.113	137873	1.132 ug/ml
14) T n-Tetracosane (C24)	15.175	899045	7.422 ug/ml
15) T n-Hexacosane (C26)	16.215	149708	1.251 ug/ml
16) T n-Octacosane (C28)	17.192	596896	5.062 ug/ml
17) T n-Tricontane (C30)	18.053	313669	2.640 ug/ml
18) T n-Dotriacontane (C32)	18.915	82135	0.695 ug/ml
19) T n-Tetratriacontane (C34)	19.700	503803	4.512 ug/ml
20) T n-Hexatriacontane (C36)	20.430	194991	1.803 ug/ml
21) T n-Octatriacontane (C38)	21.155	214559	2.066 ug/ml
22) T n-Tetracontane (C40)	22.093	578553	5.673 ug/ml

(f)=RT Delta > 1/2 Window

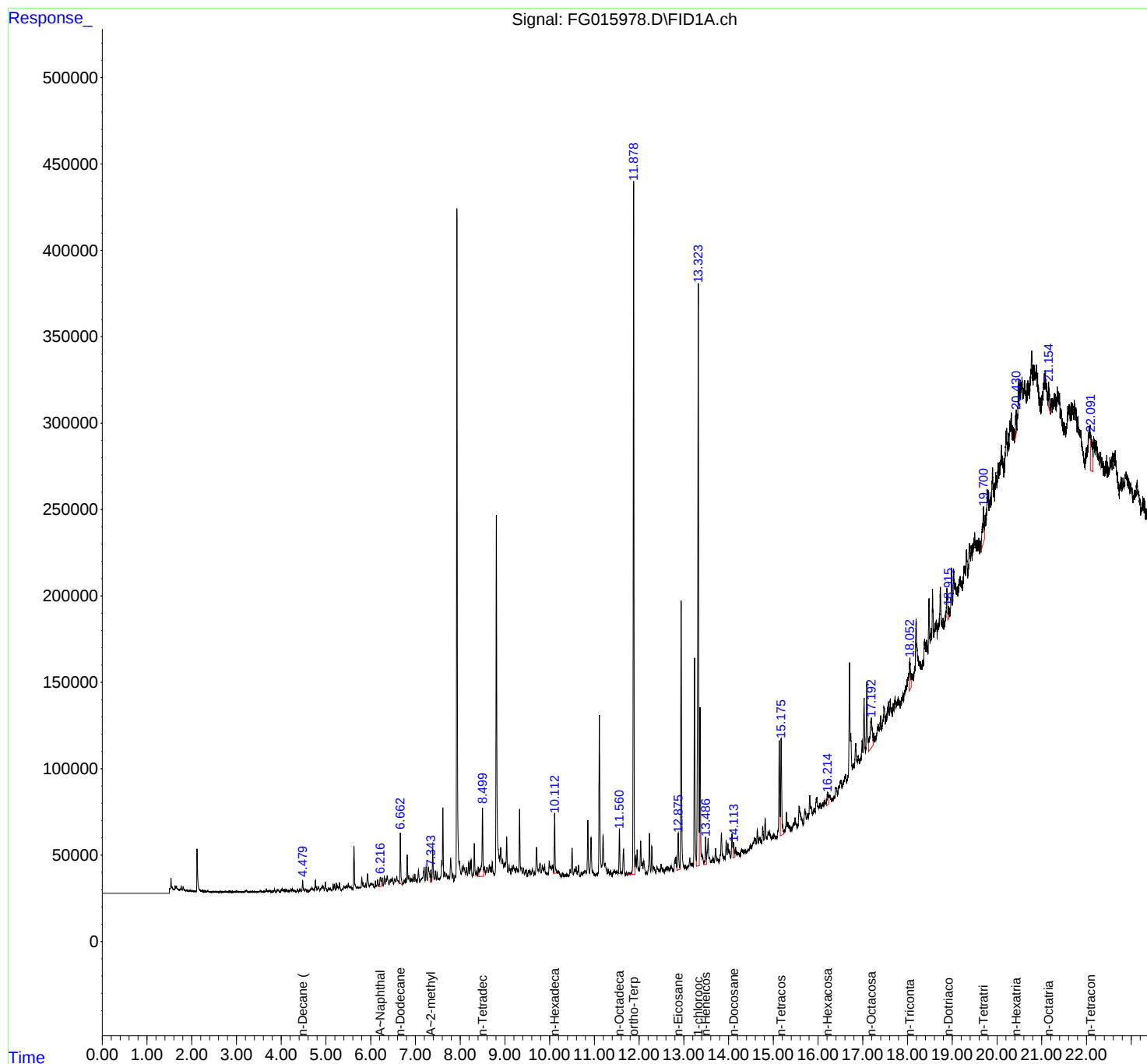
(m)=manual int.

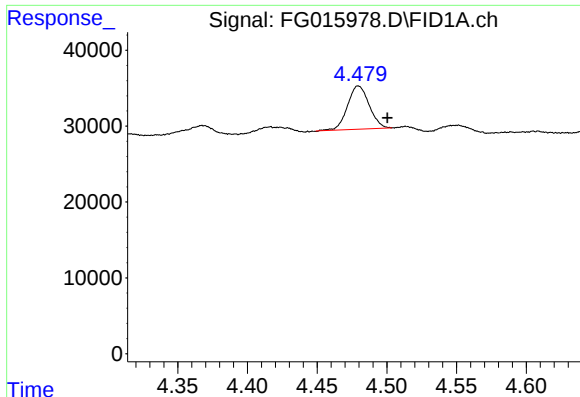
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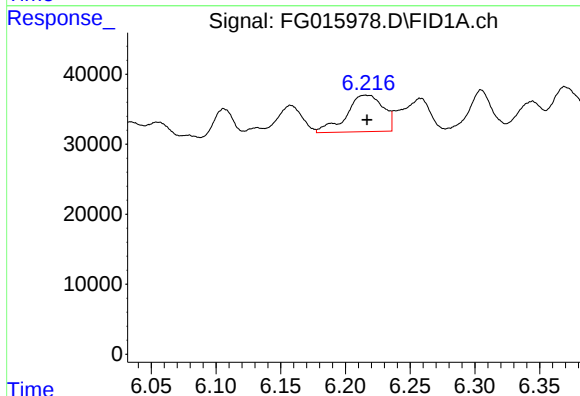




#2 n-Decane (C10)

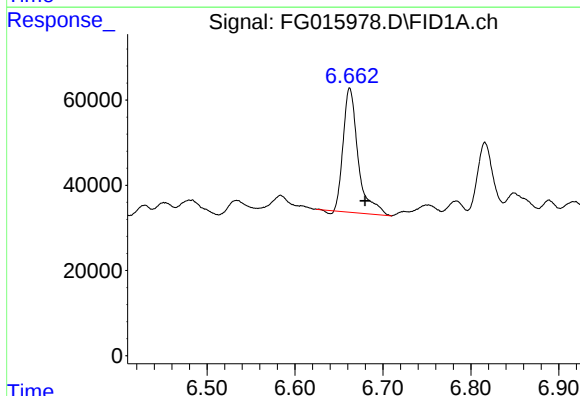
R.T.: 4.480 min
Delta R.T.: -0.021 min
Response: 61132
Conc: 0.54 ug/ml

Instrument :
FID_G
ClientSampleId :
SU-03-06042025-E2



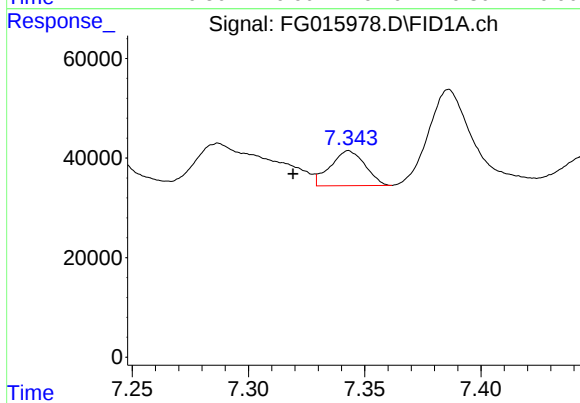
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.001 min
Response: 103205
Conc: 0.88 ug/ml



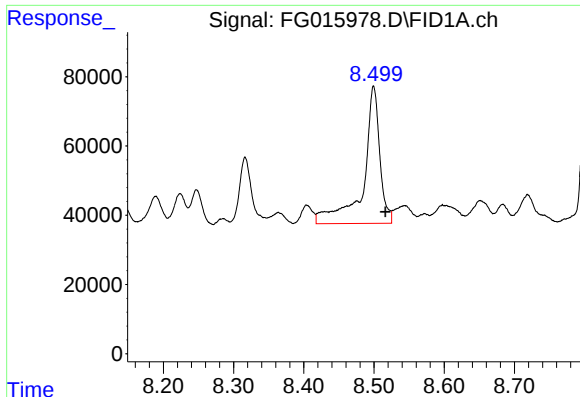
#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.018 min
Response: 342989
Conc: 2.98 ug/ml



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

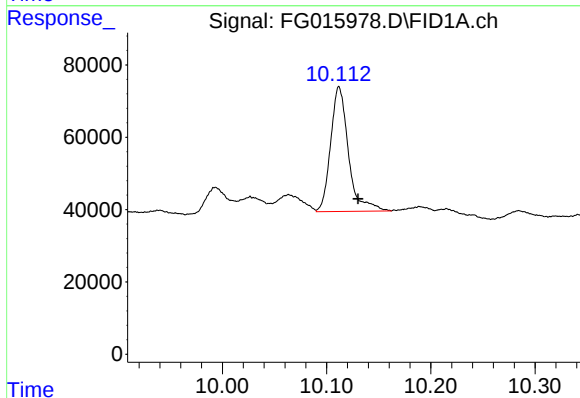
R.T.: 7.343 min
Delta R.T.: 0.024 min
Response: 73082
Conc: 0.64 ug/ml



#6 n-Tetradecane (C14)

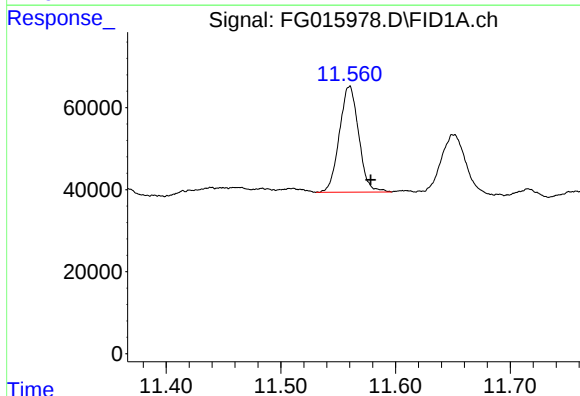
R.T.: 8.499 min
Delta R.T.: -0.017 min
Response: 648198
Conc: 5.63 ug/ml

Instrument :
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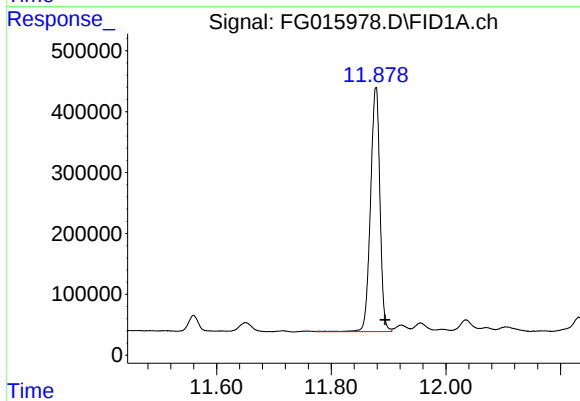
#7 n-Hexadecane (C16)

R.T.: 10.112 min
Delta R.T.: -0.018 min
Response: 410429
Conc: 3.47 ug/ml



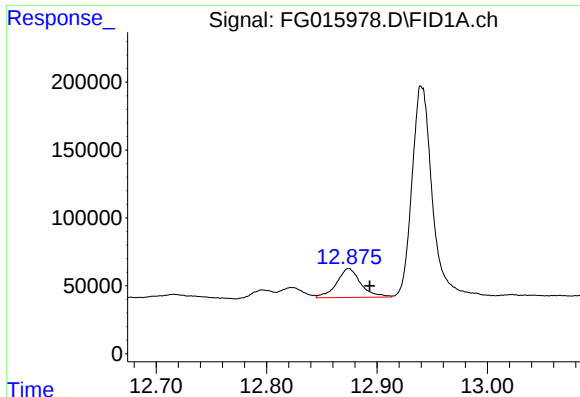
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.018 min
Response: 301870
Conc: 2.48 ug/ml



#9 ortho-Terphenyl (SURR)

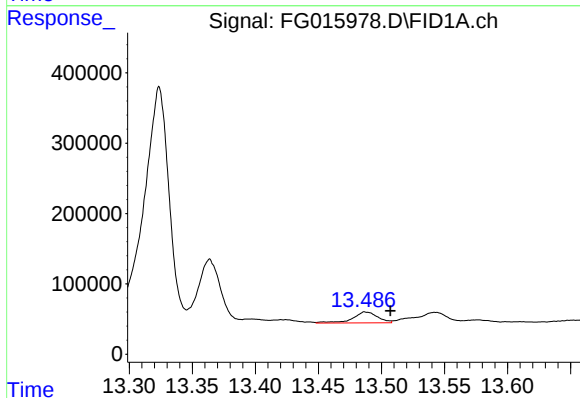
R.T.: 11.878 min
Delta R.T.: -0.016 min
Response: 4573488
Conc: 30.72 ug/ml



#10 n-Eicosane (C20)

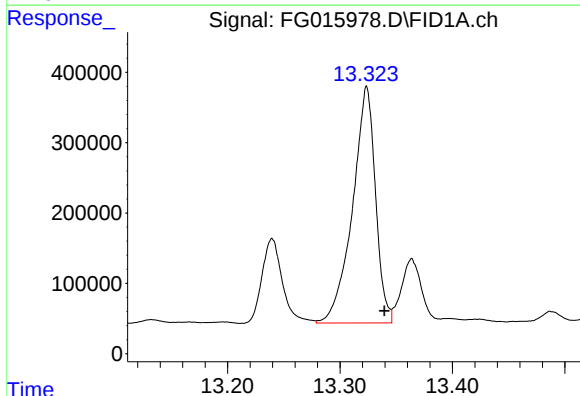
R.T.: 12.874 min
Delta R.T.: -0.019 min
Response: 324387
Conc: 2.65 ug/ml

Instrument :
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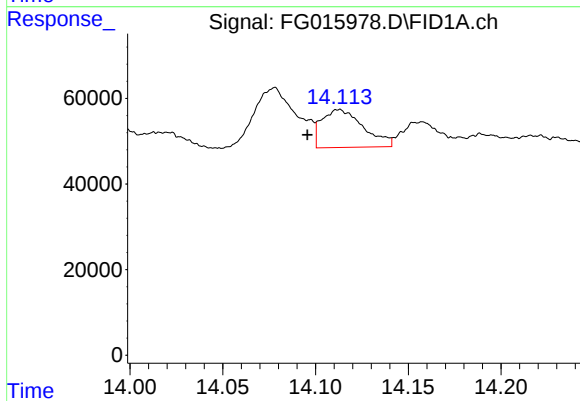
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.020 min
Response: 212751
Conc: 1.74 ug/ml



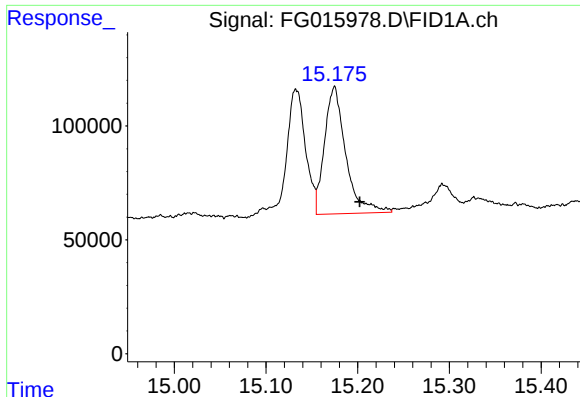
#12 1-chlorooctadecane (SURR)

R.T.: 13.324 min
Delta R.T.: -0.016 min
Response: 4768595
Conc: 41.39 ug/ml



#13 n-Docosane (C22)

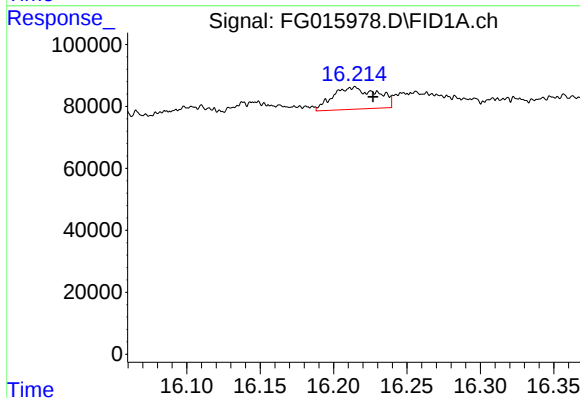
R.T.: 14.113 min
Delta R.T.: 0.017 min
Response: 137873
Conc: 1.13 ug/ml



#14 n-Tetracosane (C24)

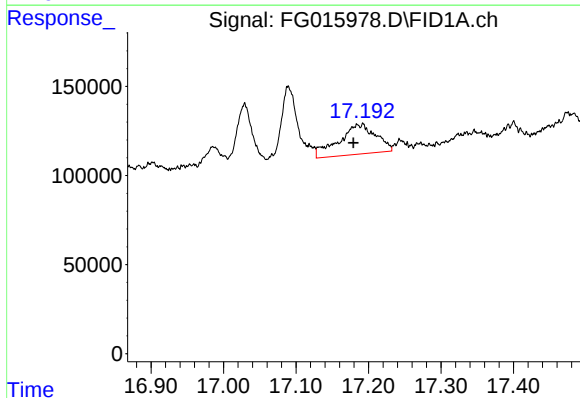
R.T.: 15.175 min
Delta R.T.: -0.028 min
Response: 899045
Conc: 7.42 ug/ml

Instrument :
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SU-03-06042025-E2



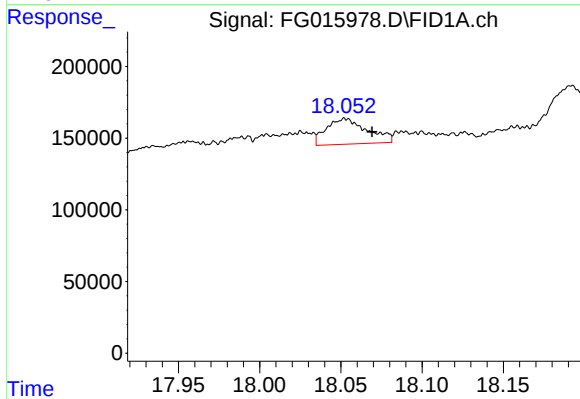
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.012 min
Response: 149708
Conc: 1.25 ug/ml



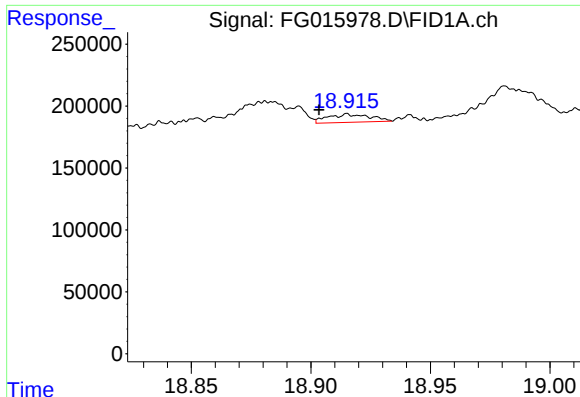
#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: 0.013 min
Response: 596896
Conc: 5.06 ug/ml



#17 n-Tricontane (C30)

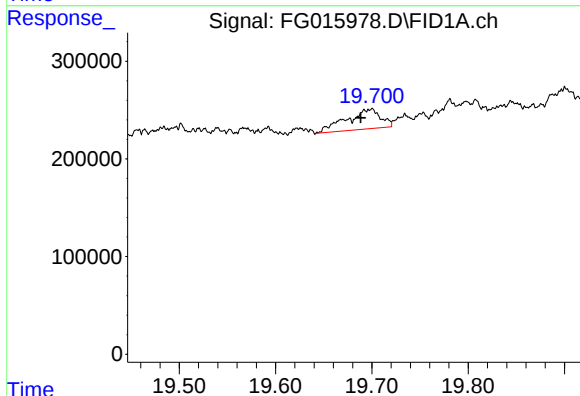
R.T.: 18.053 min
Delta R.T.: -0.016 min
Response: 313669
Conc: 2.64 ug/ml



#18 n-Dotriacontane (C32)

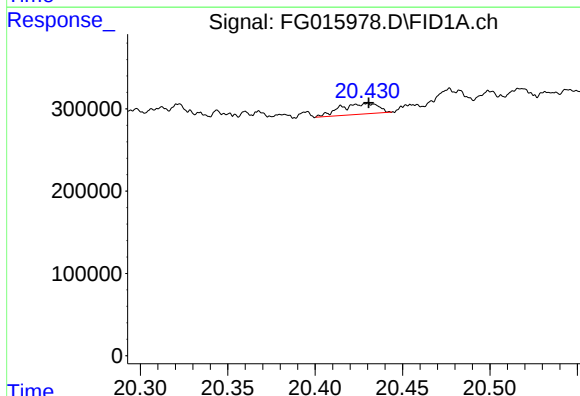
R.T.: 18.915 min
Delta R.T.: 0.012 min
Response: 82135
Conc: 0.70 ug/ml

Instrument :
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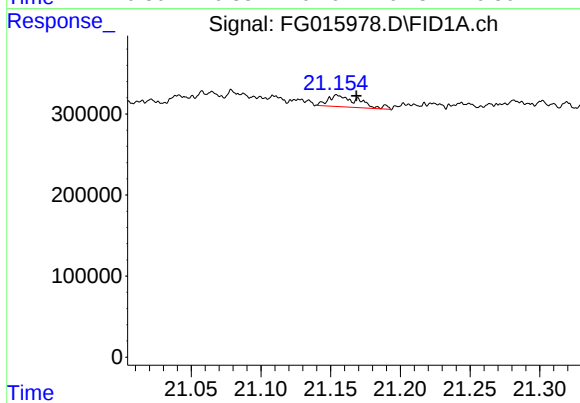
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.012 min
Response: 503803
Conc: 4.51 ug/ml



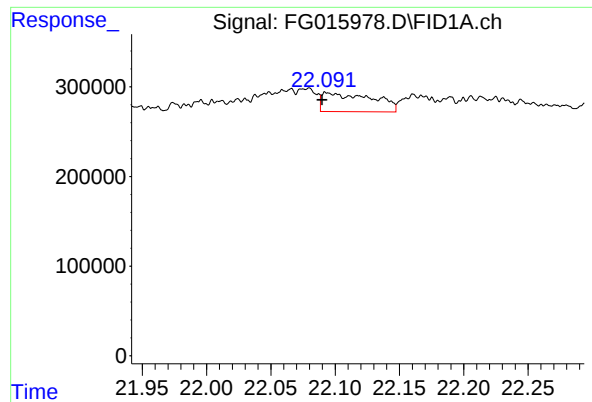
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.000 min
Response: 194991
Conc: 1.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.013 min
Response: 214559
Conc: 2.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.093 min
Delta R.T.: 0.003 min
Response: 578553
Conc: 5.67 ug/ml

Instrument :

FID_G

ClientSampleId :

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