

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061925AL\
 Data File : FE054499.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2025 16:56
 Operator : YP\AJ
 Sample : Q2357-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-06182025-E2

Integration File: autoint1.e
 Quant Time: Jun 20 02:13:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.826	4277087	25.885 ug/ml
Spiked Amount 50.000		Recovery =	51.77%
12) S 1-chlorooctadecane (S...	13.271	3476084	28.505 ug/ml
Spiked Amount 50.000		Recovery =	57.01%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.164	133479	0.988 ug/ml
4) T n-Dodecane (C12)	6.620	49306	0.387 ug/ml
5) T A~2-methylnaphthalene...	7.266	127055	0.959 ug/ml
6) T n-Tetradecane (C14)	8.453	129798	1.003 ug/ml
7) T n-Hexadecane (C16)	10.064	142836	1.075 ug/ml
8) T n-Octadecane (C18)	11.510	126681	0.938 ug/ml
10) T n-Eicosane (C20)	12.823	317969	2.377 ug/ml
11) T n-Heneicosane (C21)	13.438	95019	0.715 ug/ml
13) T n-Docosane (C22)	14.026	163287	1.245 ug/ml
14) T n-Tetracosane (C24)	15.123	970856	7.526 ug/ml
15) T n-Hexacosane (C26)	16.155	45371	0.361 ug/ml
16) T n-Octacosane (C28)	17.143	146414	1.194 ug/ml
17) T n-Tricontane (C30)	17.995	113790	0.918 ug/ml
18) T n-Dotriacontane (C32)	18.829	255224	2.031 ug/ml
19) T n-Tetratriacontane (C34)	19.640	257763	2.072 ug/ml
20) T n-Hexatriacontane (C36)	20.362	136587	1.061 ug/ml
21) T n-Octatriacontane (C38)	21.089	68064	0.515 ug/ml

(f)=RT Delta > 1/2 Window

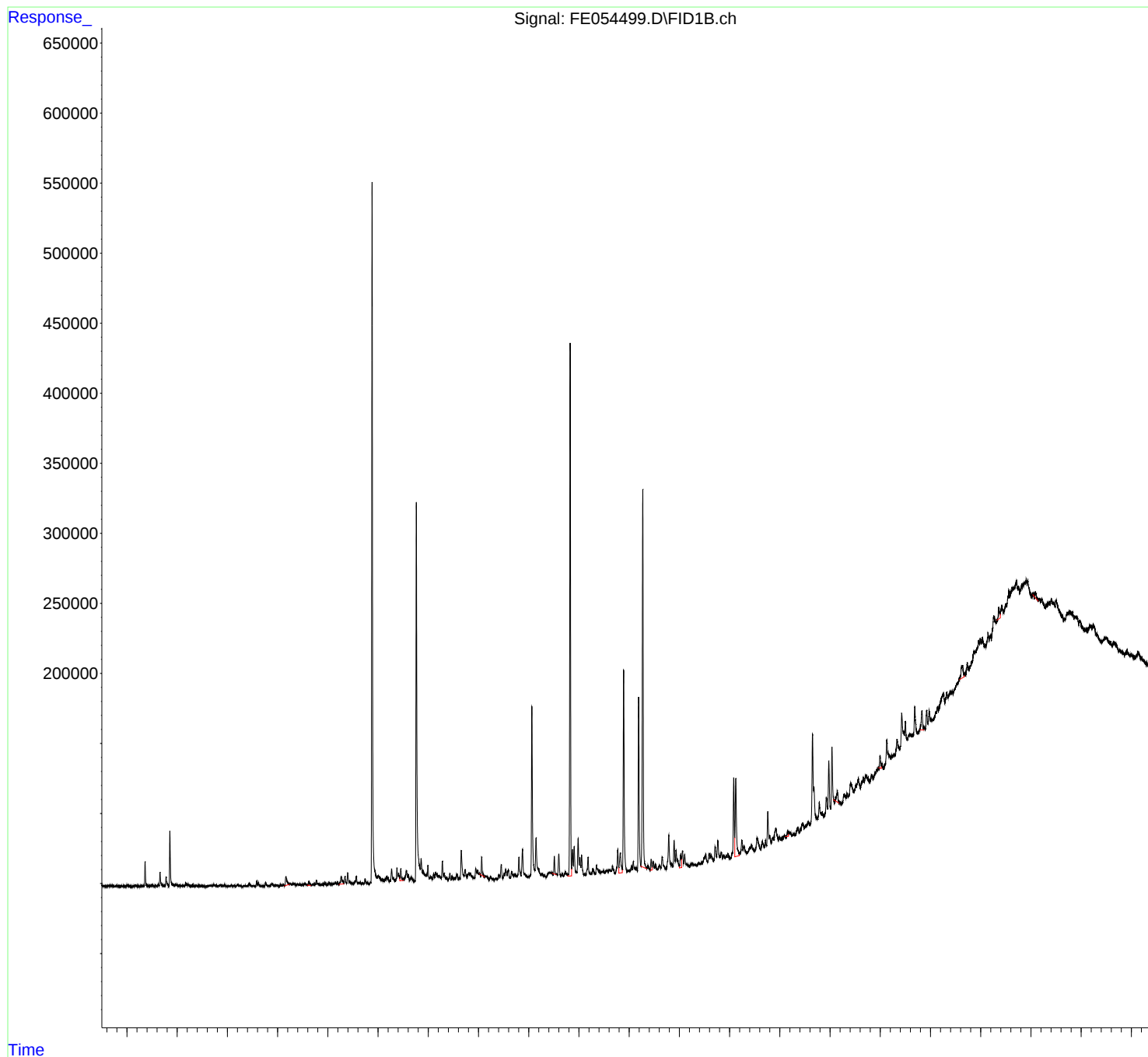
(m)=manual int.

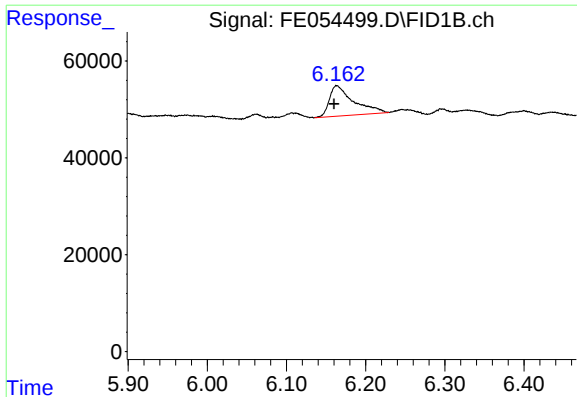
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061925AL\
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Volume Inj. : 1 uL
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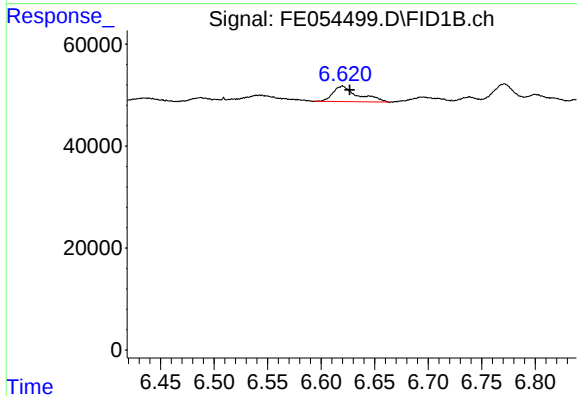




#3 A~Naphthalene (C11.7)

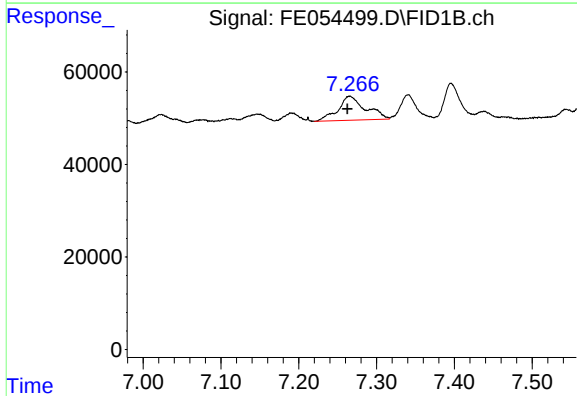
R.T.: 6.164 min
Delta R.T.: 0.004 min
Response: 133479
Conc: 0.99 ug/ml

Instrument :
FID_E
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TR-06-06182025-E2



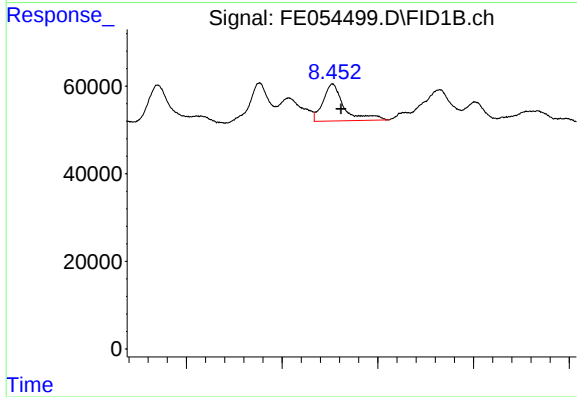
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.007 min
Response: 49306
Conc: 0.39 ug/ml



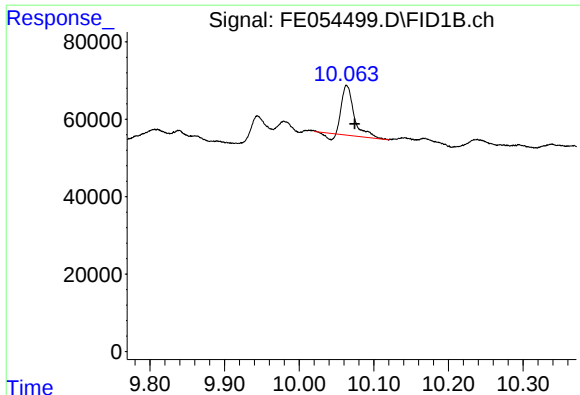
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.003 min
Response: 127055
Conc: 0.96 ug/ml



#6 n-Tetradecane (C14)

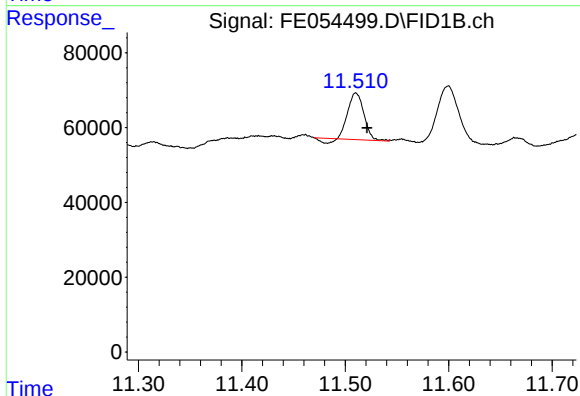
R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 129798
Conc: 1.00 ug/ml



#7 n-Hexadecane (C16)

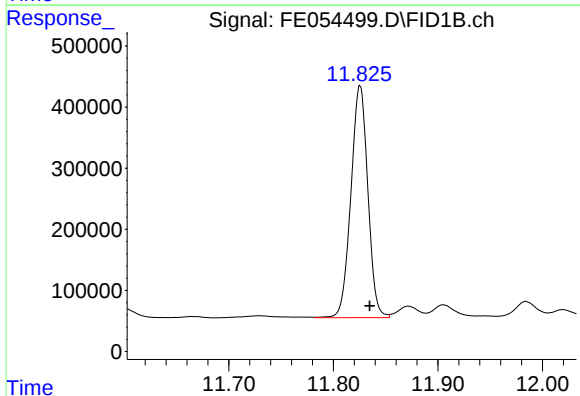
R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 142836
Conc: 1.08 ug/ml

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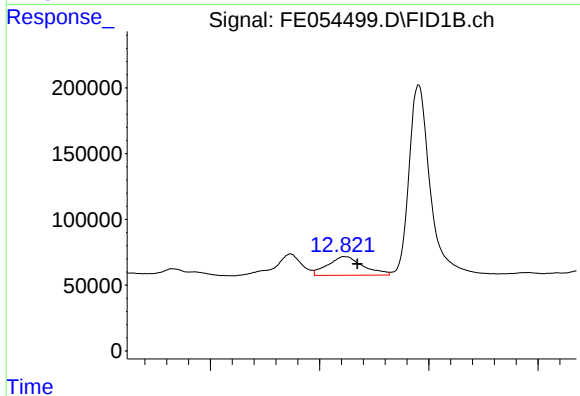
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 126681
Conc: 0.94 ug/ml



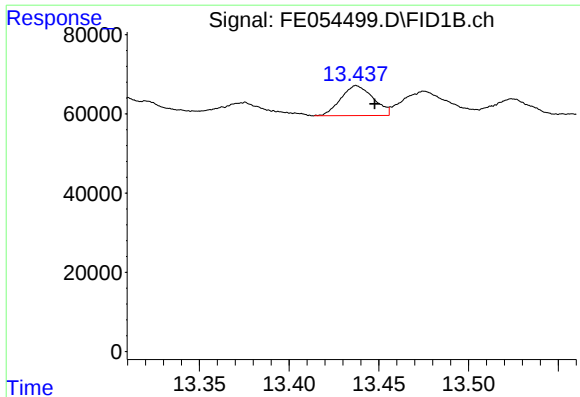
#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 4277087
Conc: 25.88 ug/ml



#10 n-Eicosane (C20)

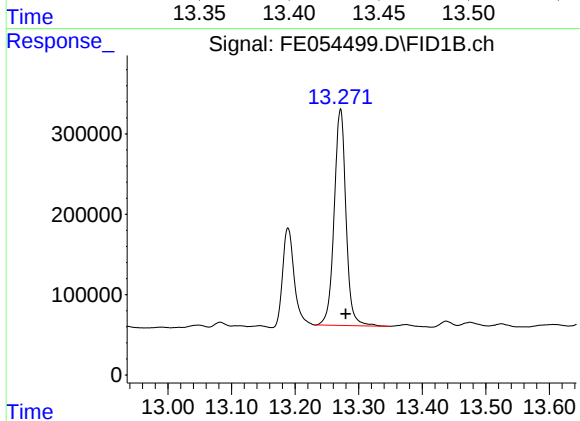
R.T.: 12.823 min
Delta R.T.: -0.011 min
Response: 317969
Conc: 2.38 ug/ml



#11 n-Heneicosane (C21)

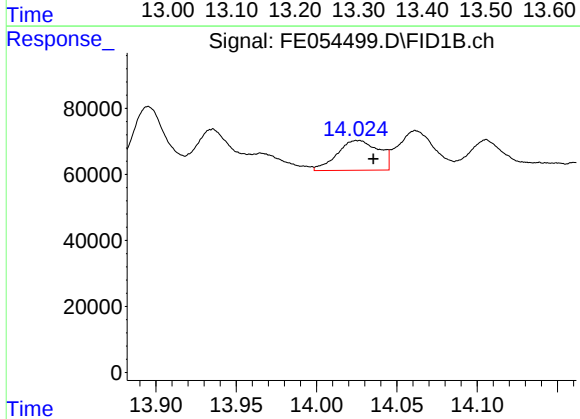
R.T.: 13.438 min
Delta R.T.: -0.010 min
Response: 95019
Conc: 0.71 ug/ml

Instrument :
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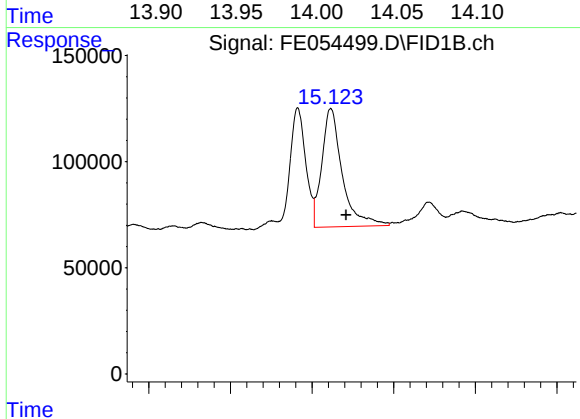
#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.008 min
Response: 3476084
Conc: 28.50 ug/ml



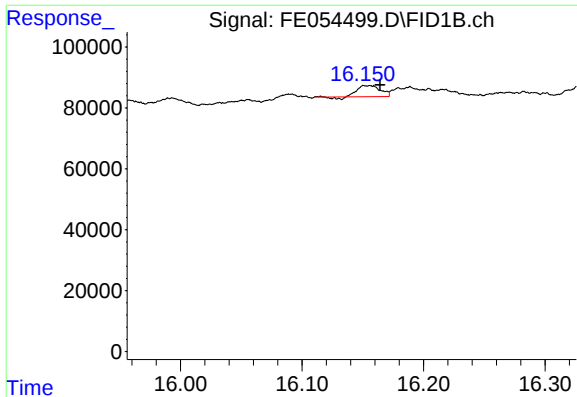
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.010 min
Response: 163287
Conc: 1.25 ug/ml



#14 n-Tetracosane (C24)

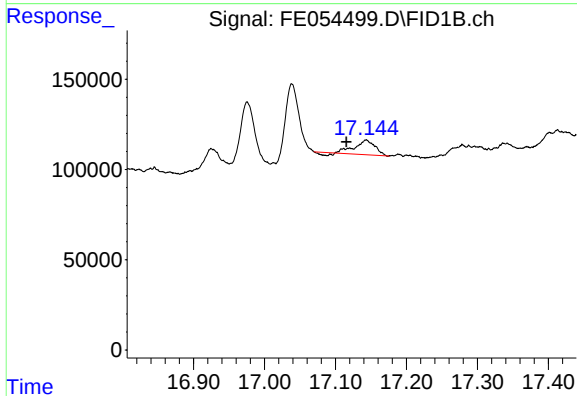
R.T.: 15.123 min
Delta R.T.: -0.018 min
Response: 970856
Conc: 7.53 ug/ml



#15 n-Hexacosane (C26)

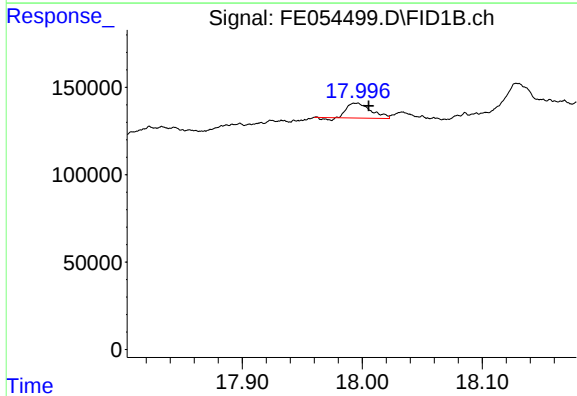
R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 45371
Conc: 0.36 ug/ml

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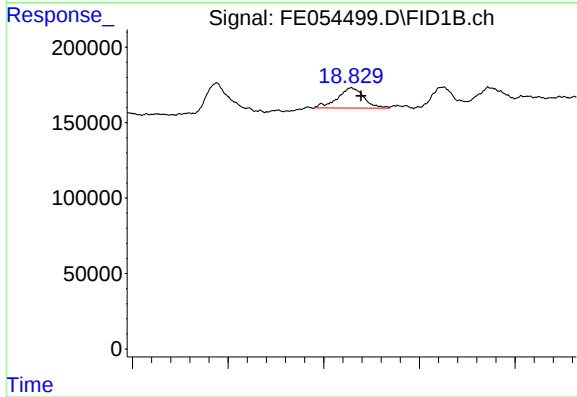
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.028 min
Response: 146414
Conc: 1.19 ug/ml



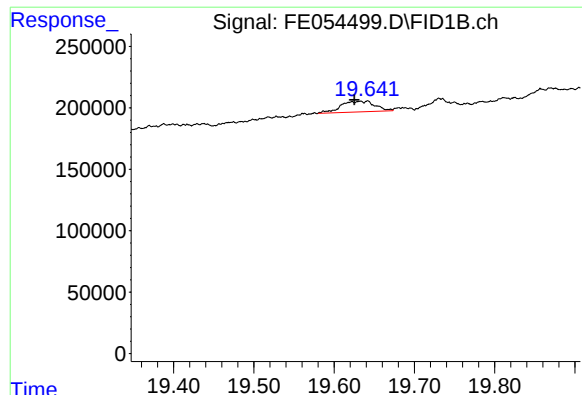
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.010 min
Response: 113790
Conc: 0.92 ug/ml



#18 n-Dotriacontane (C32)

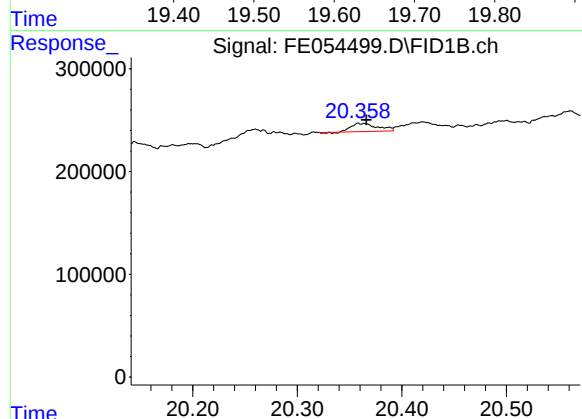
R.T.: 18.829 min
Delta R.T.: -0.010 min
Response: 255224
Conc: 2.03 ug/ml



#19 n-Tetratriacontane (C34)

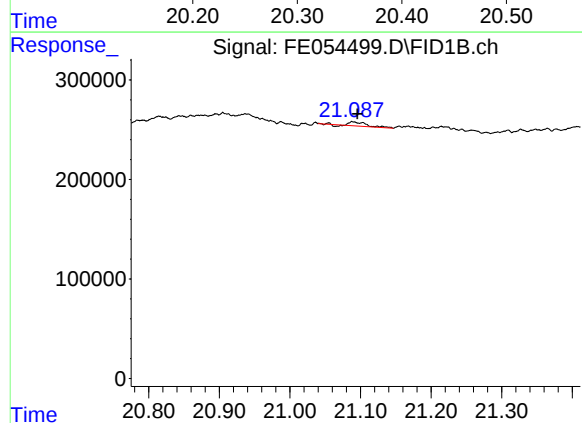
R.T.: 19.640 min
Delta R.T.: 0.015 min
Response: 257763
Conc: 2.07 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.005 min
Response: 136587
Conc: 1.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.006 min
Response: 68064
Conc: 0.52 ug/ml