

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016912.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 14:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 04:28:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.037	3174949	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.483	2403841	19.960 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.362	2526322	20.277 ug/ml
2) T n-Decane (C10)	4.622	2625628	20.509 ug/ml
3) T A~Naphthalene (C11.7)	6.341	2733035	20.888 ug/ml
4) T n-Dodecane (C12)	6.803	2687604	20.613 ug/ml
5) T A~2-methylnaphthalene...	7.444	2579226	21.433 ug/ml
6) T n-Tetradecane (C14)	8.644	2663742	20.850 ug/ml
7) T n-Hexadecane (C16)	10.261	2761917	20.902 ug/ml
8) T n-Octadecane (C18)	11.715	2857874	20.508 ug/ml
10) T n-Eicosane (C20)	13.034	2807573	20.086 ug/ml
11) T n-Heneicosane (C21)	13.650	2772260	19.940 ug/ml
13) T n-Docosane (C22)	14.240	2760227	19.510 ug/ml
14) T n-Tetracosane (C24)	15.352	2759791	18.770 ug/ml
15) T n-Hexacosane (C26)	16.381	2692151	18.350 ug/ml
16) T n-Octacosane (C28)	17.338	2633433	17.889 ug/ml
17) T n-Tricontane (C30)	18.230	2708538	17.900 ug/ml
18) T n-Dotriacontane (C32)	19.070	2648349	17.966 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2375230	18.432 ug/ml
20) T n-Hexatriacontane (C36)	20.602	1982607	19.155 ug/ml
21) T n-Octatriacontane (C38)	21.378	1768652	20.062 ug/ml
22) T n-Tetracontane (C40)	22.361	1625334	20.758 ug/ml

(f)=RT Delta > 1/2 Window

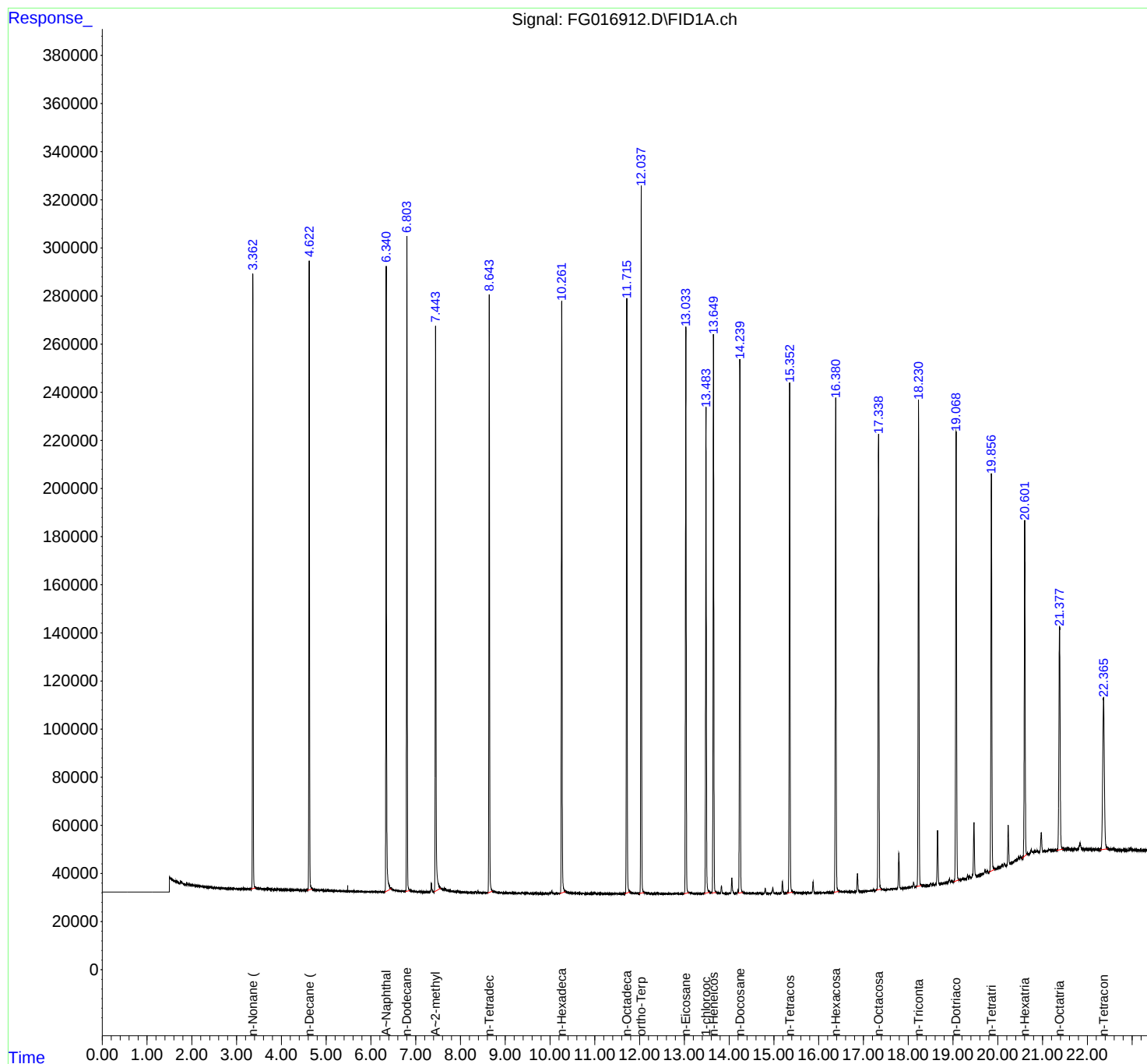
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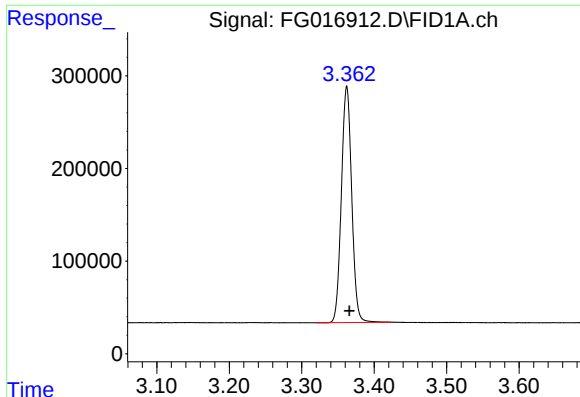
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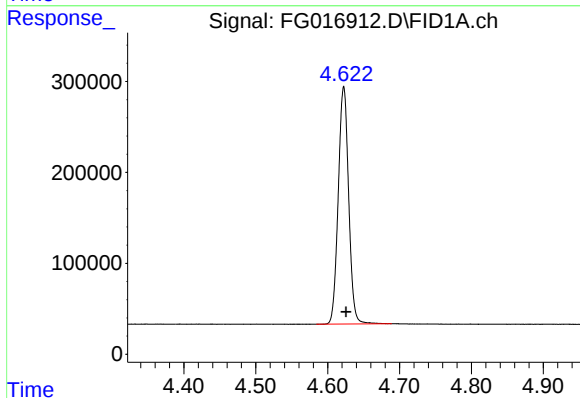




#1 n-Nonane (C9)

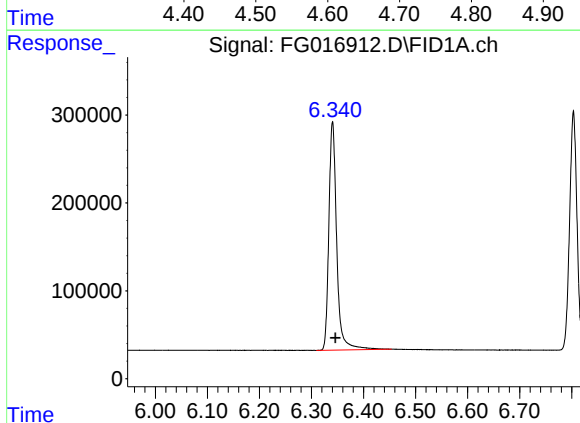
R.T.: 3.362 min
Delta R.T.: -0.004 min
Response: 2526322
Conc: 20.28 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



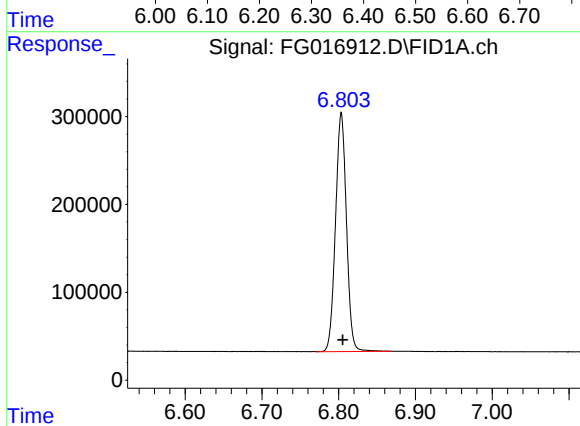
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: -0.003 min
Response: 2625628
Conc: 20.51 ug/ml



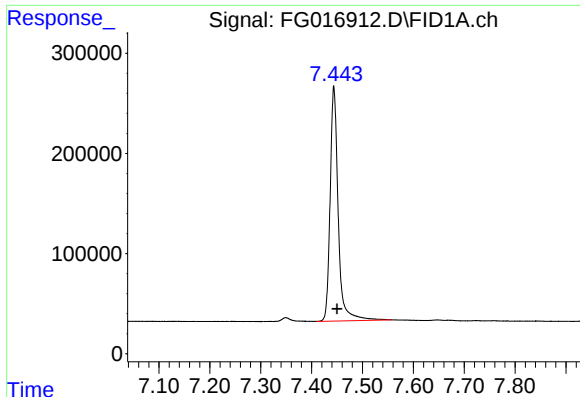
#3 A~Naphthalene (C11.7)

R.T.: 6.341 min
Delta R.T.: -0.006 min
Response: 2733035
Conc: 20.89 ug/ml



#4 n-Dodecane (C12)

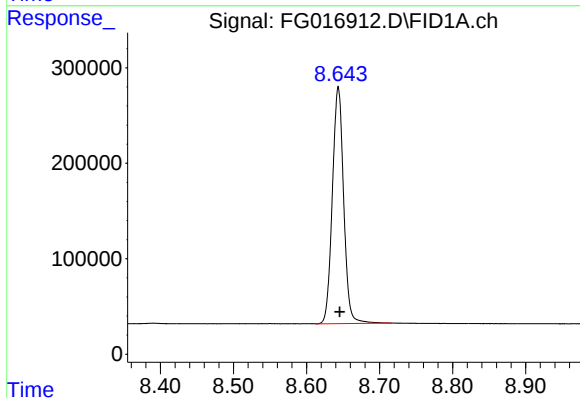
R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 2687604
Conc: 20.61 ug/ml



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

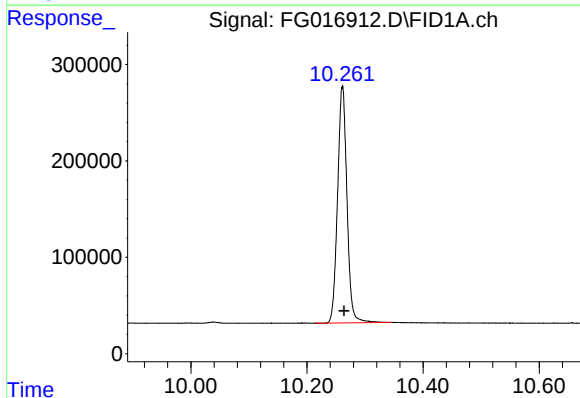
R.T.: 7.444 min
Delta R.T.: -0.006 min
Response: 2579226
Conc: 21.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



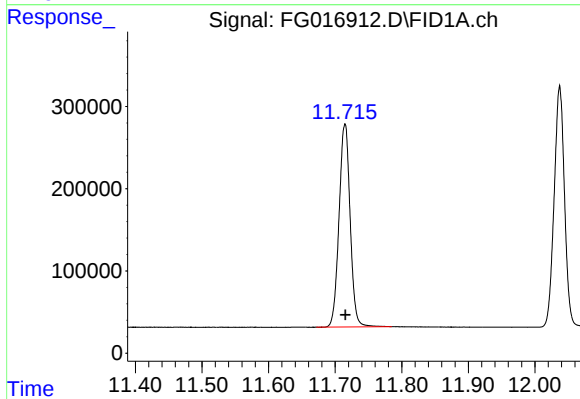
#6 n-Tetradecane (C14)

R.T.: 8.644 min
Delta R.T.: -0.002 min
Response: 2663742
Conc: 20.85 ug/ml



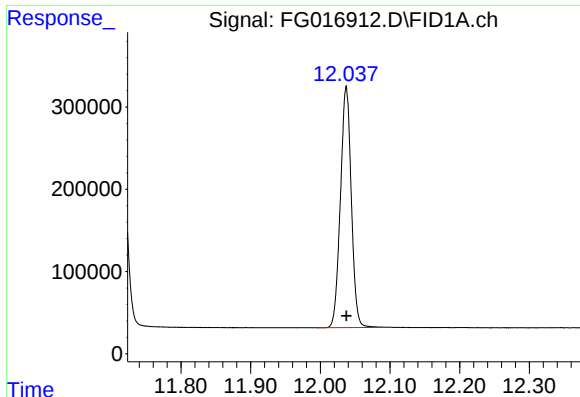
#7 n-Hexadecane (C16)

R.T.: 10.261 min
Delta R.T.: -0.002 min
Response: 2761917
Conc: 20.90 ug/ml



#8 n-Octadecane (C18)

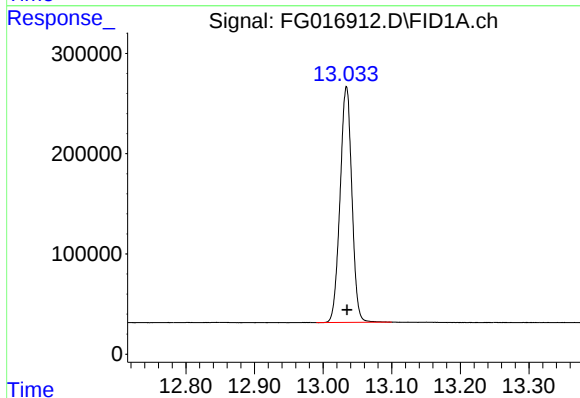
R.T.: 11.715 min
Delta R.T.: 0.000 min
Response: 2857874
Conc: 20.51 ug/ml



#9 ortho-Terphenyl (SURR)

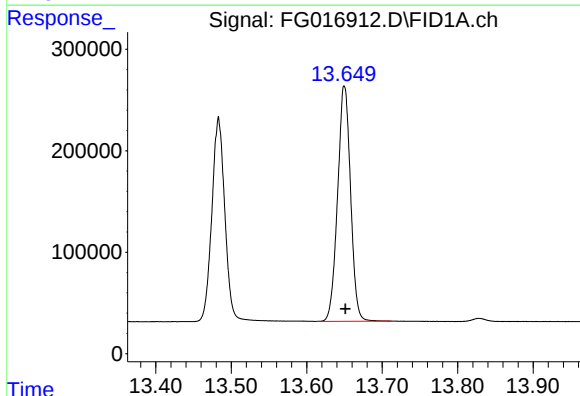
R.T.: 12.037 min
Delta R.T.: 0.000 min
Response: 3174949
Conc: 20.10 ug/ml

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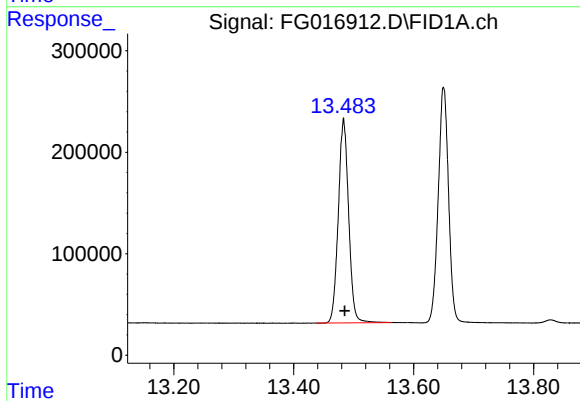
#10 n-Eicosane (C20)

R.T.: 13.034 min
Delta R.T.: 0.000 min
Response: 2807573
Conc: 20.09 ug/ml



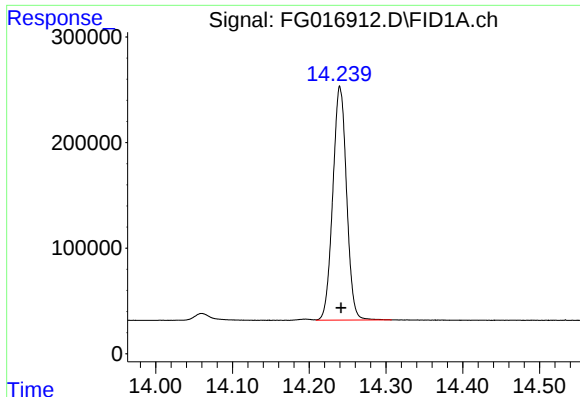
#11 n-Heneicosane (C21)

R.T.: 13.650 min
Delta R.T.: -0.001 min
Response: 2772260
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

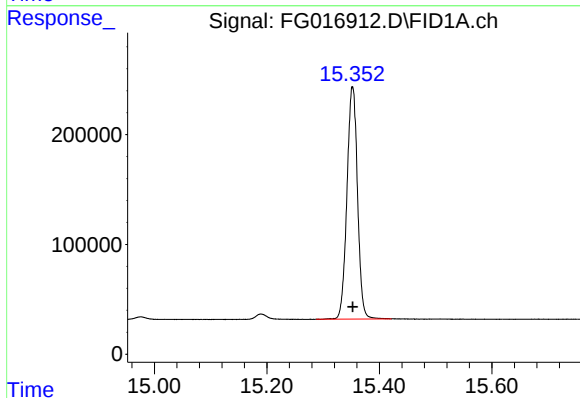
R.T.: 13.483 min
Delta R.T.: -0.002 min
Response: 2403841
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

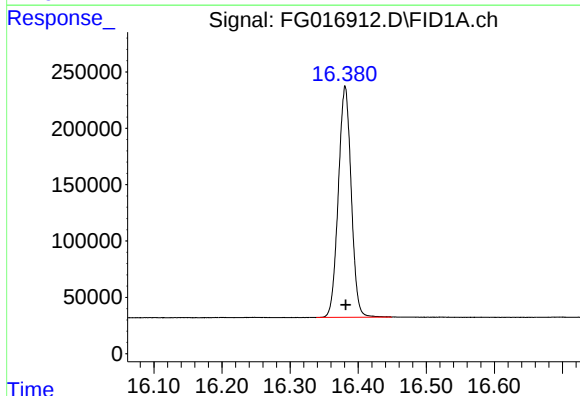
R.T.: 14.240 min
Delta R.T.: -0.002 min
Response: 2760227
Conc: 19.51 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



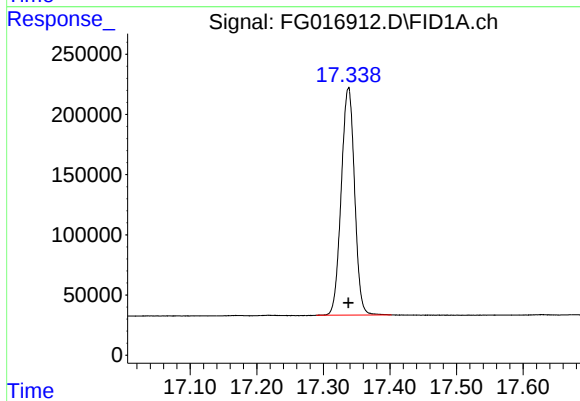
#14 n-Tetracosane (C24)

R.T.: 15.352 min
Delta R.T.: 0.000 min
Response: 2759791
Conc: 18.77 ug/ml



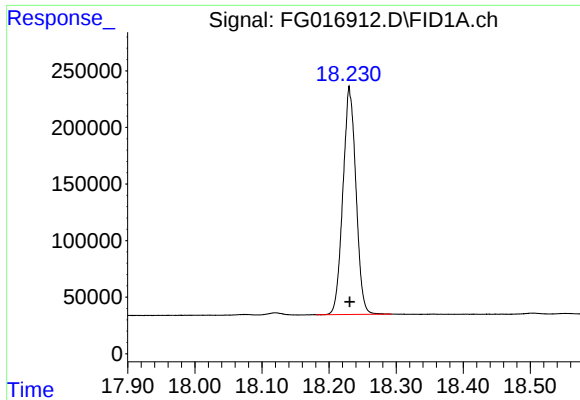
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 2692151
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

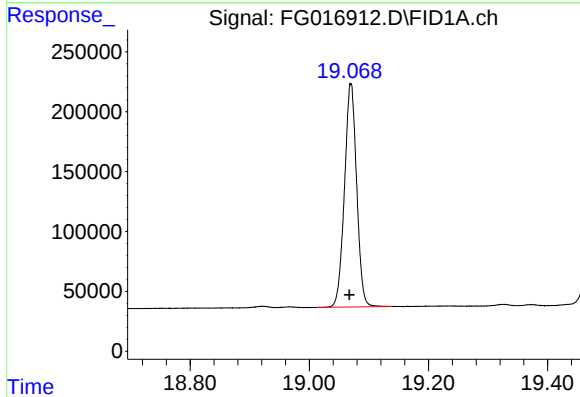
R.T.: 17.338 min
Delta R.T.: 0.000 min
Response: 2633433
Conc: 17.89 ug/ml



#17 n-Tricontane (C30)

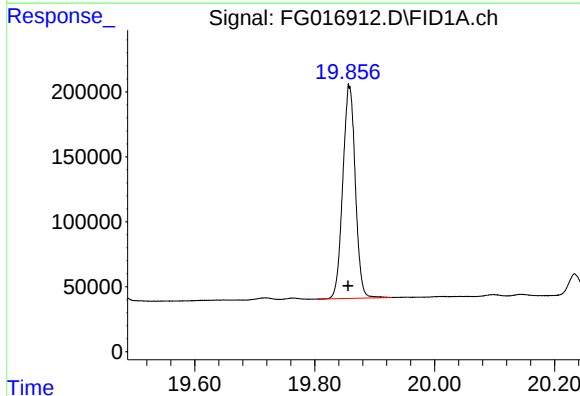
R.T.: 18.230 min
Delta R.T.: 0.000 min
Response: 2708538
Conc: 17.90 ug/ml

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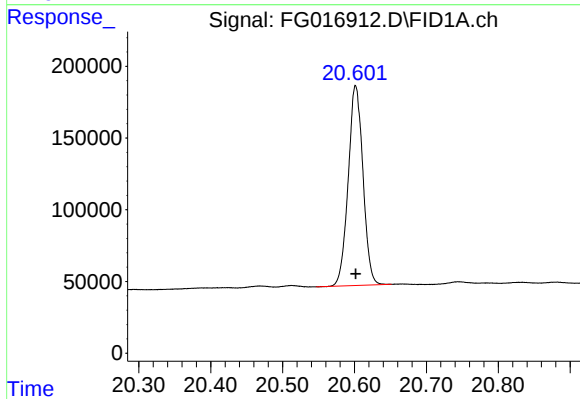
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.003 min
Response: 2648349
Conc: 17.97 ug/ml



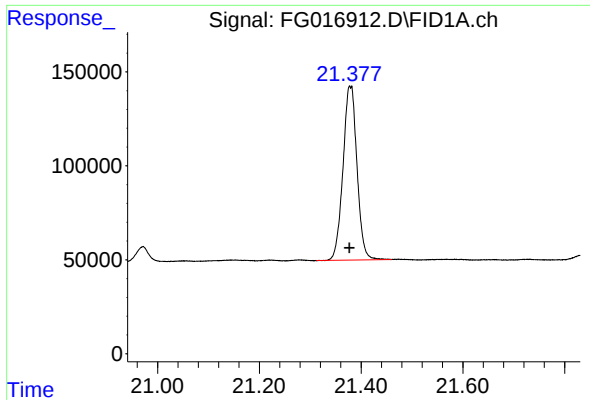
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.002 min
Response: 2375230
Conc: 18.43 ug/ml



#20 n-Hexatriacontane (C36)

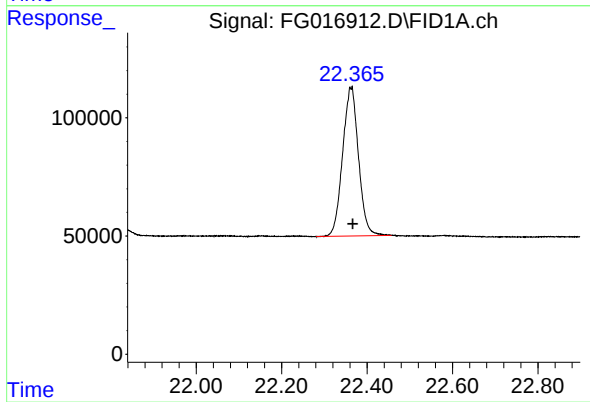
R.T.: 20.602 min
Delta R.T.: 0.000 min
Response: 1982607
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.000 min
Response: 1768652
Conc: 20.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: -0.005 min
Response: 1625334
Conc: 20.76 ug/ml