

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054814.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 16:50
 Operator : YP\AJ
 Sample : Q2564-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0030

Integration File: autoint1.e
 Quant Time: Jul 12 02:10:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.085	5399252	33.248 ug/ml
Spiked Amount 50.000		Recovery =	66.50%
12) S 1-chlorooctadecane (S...	13.522	3778630	29.919 ug/ml
Spiked Amount 50.000		Recovery =	59.84%
Target Compounds			
6) T n-Tetradecane (C14)	8.681	101813	0.734 ug/ml
7) T n-Hexadecane (C16)	10.329	211401	1.483 ug/ml
8) T n-Octadecane (C18)	11.751	384627	2.624 ug/ml
10) T n-Eicosane (C20)	13.073	535377	3.723 ug/ml
11) T n-Heneicosane (C21)	13.699	164268	1.150 ug/ml
13) T n-Docosane (C22)	14.269	114361	0.801 ug/ml
14) T n-Tetracosane (C24)	15.371	101805	0.700 ug/ml
15) T n-Hexacosane (C26)	16.400	22047	0.152 ug/ml
16) T n-Octacosane (C28)	17.352	86824	0.596 ug/ml
17) T n-Tricontane (C30)	18.243	157088	0.997 ug/ml
18) T n-Dotriacontane (C32)	19.075	175351	1.084 ug/ml
19) T n-Tetratriacontane (C34)	19.861	68040	0.446 ug/ml
20) T n-Hexatriacontane (C36)	20.602	15934	0.119 ug/ml
21) T n-Octatriacontane (C38)	21.371	167743	1.430 ug/ml

(f)=RT Delta > 1/2 Window

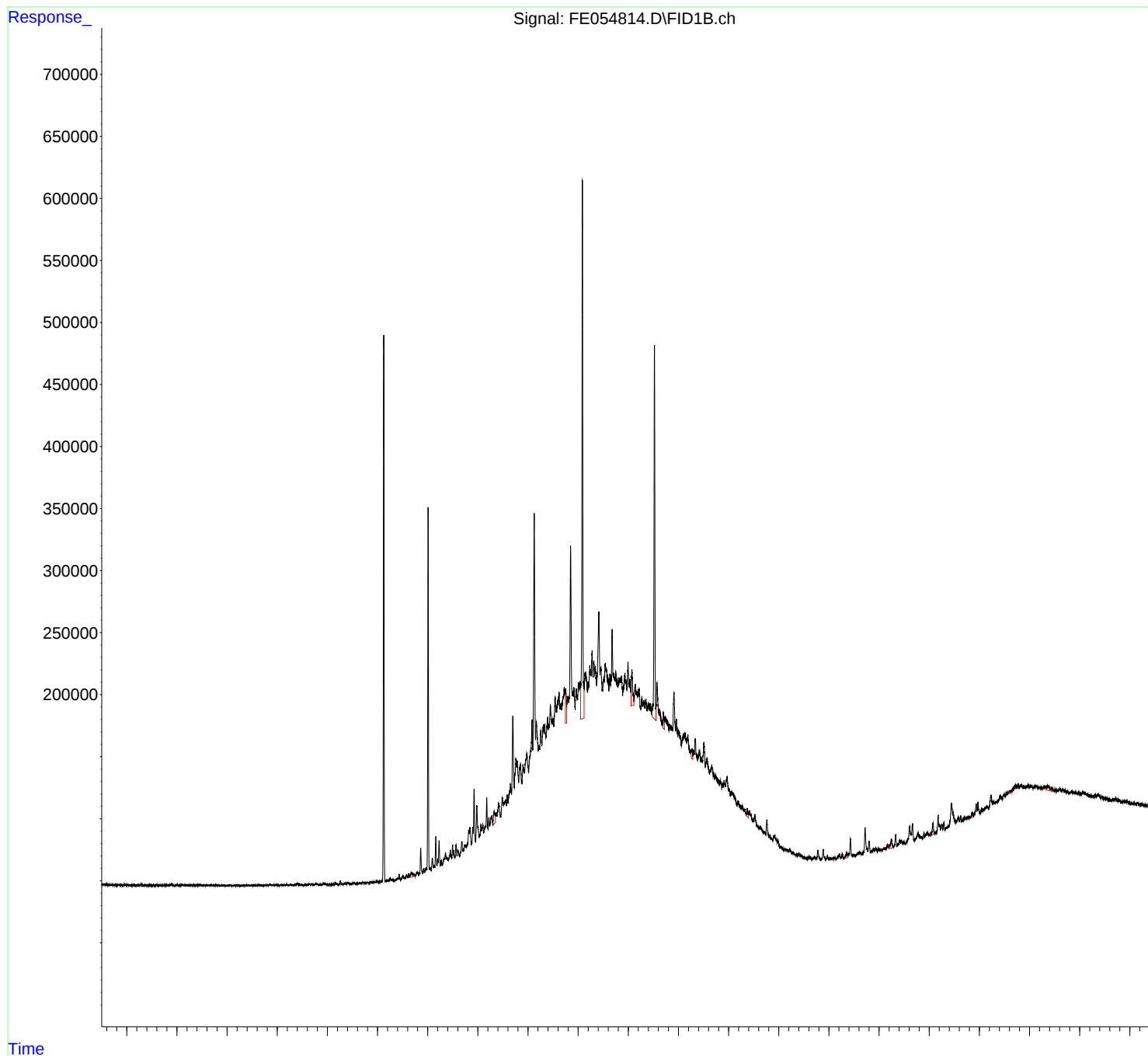
(m)=manual int.

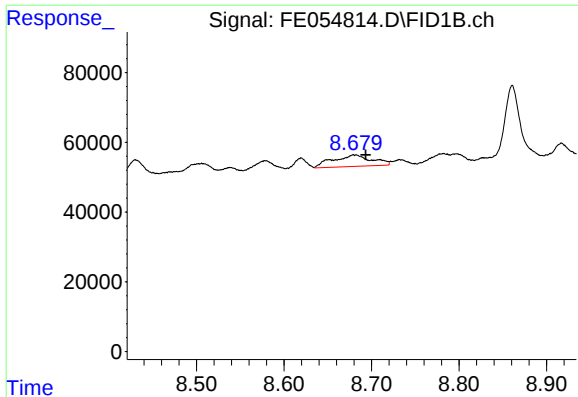
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
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Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

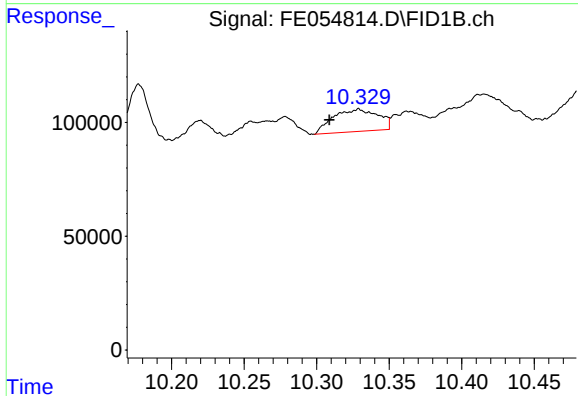




#6 n-Tetradecane (C14)

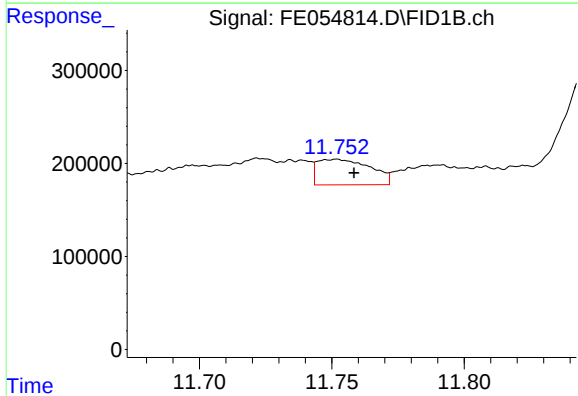
R.T.: 8.681 min
Delta R.T.: -0.013 min
Response: 101813
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0030



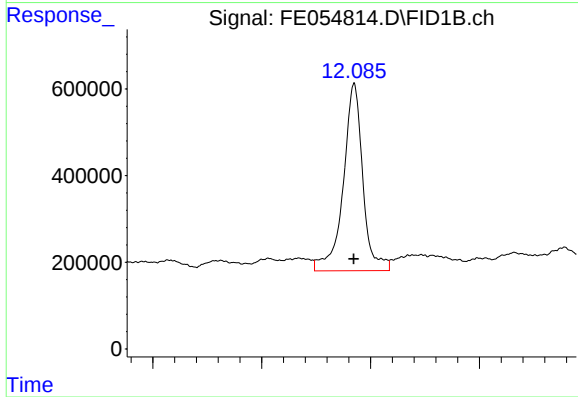
#7 n-Hexadecane (C16)

R.T.: 10.329 min
Delta R.T.: 0.020 min
Response: 211401
Conc: 1.48 ug/ml



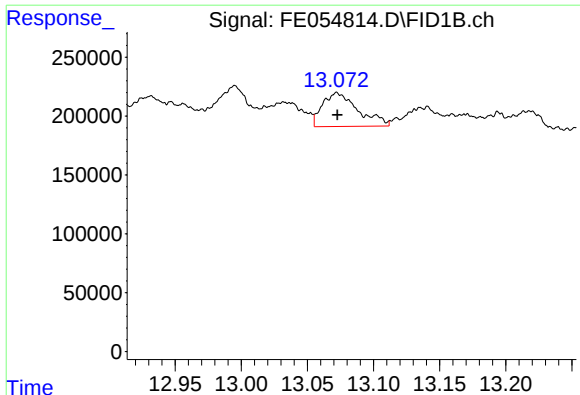
#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: -0.007 min
Response: 384627
Conc: 2.62 ug/ml



#9 ortho-Terphenyl (SURR)

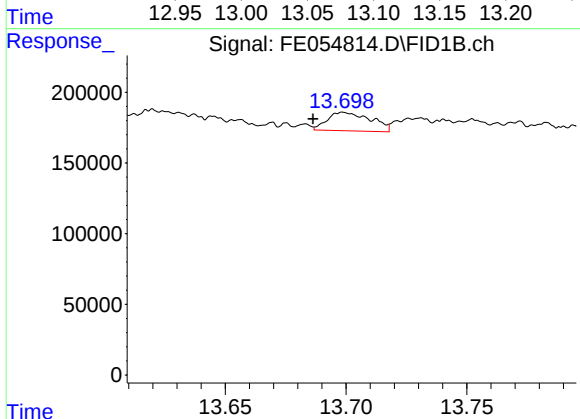
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 5399252
Conc: 33.25 ug/ml



#10 n-Eicosane (C20)

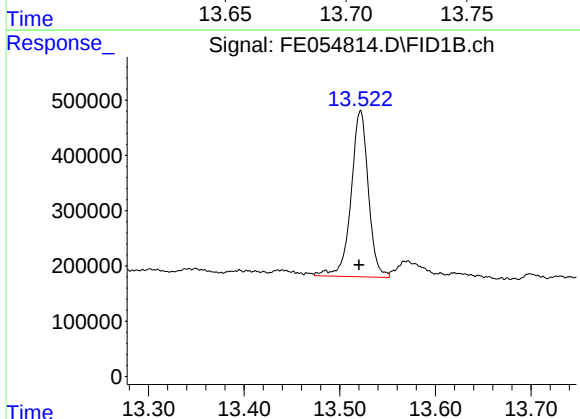
R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 535377
Conc: 3.72 ug/ml

Instrument :
FID_E
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ARS20-0030



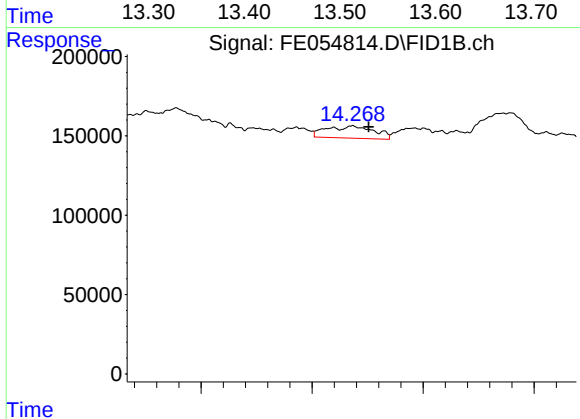
#11 n-Heneicosane (C21)

R.T.: 13.699 min
Delta R.T.: 0.013 min
Response: 164268
Conc: 1.15 ug/ml



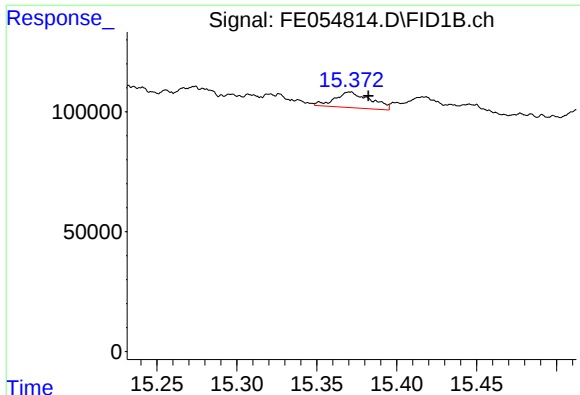
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 3778630
Conc: 29.92 ug/ml



#13 n-Docosane (C22)

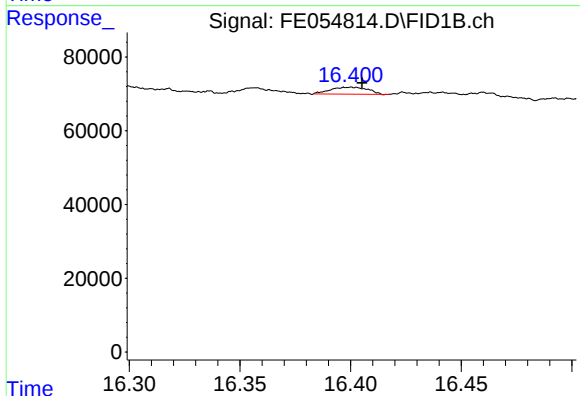
R.T.: 14.269 min
Delta R.T.: -0.007 min
Response: 114361
Conc: 0.80 ug/ml



#14 n-Tetracosane (C24)

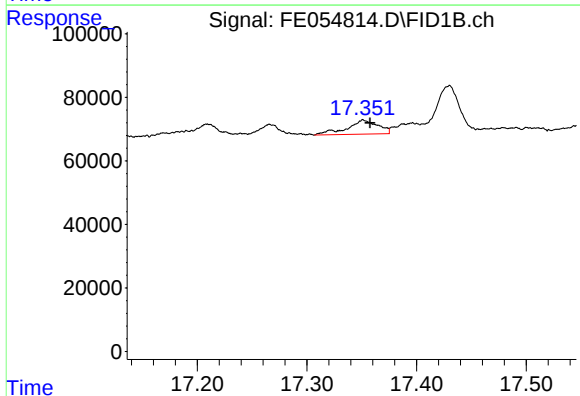
R.T.: 15.371 min
Delta R.T.: -0.012 min
Response: 101805
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0030



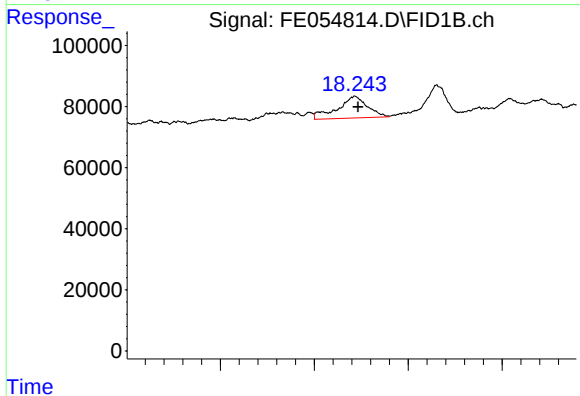
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 22047
Conc: 0.15 ug/ml



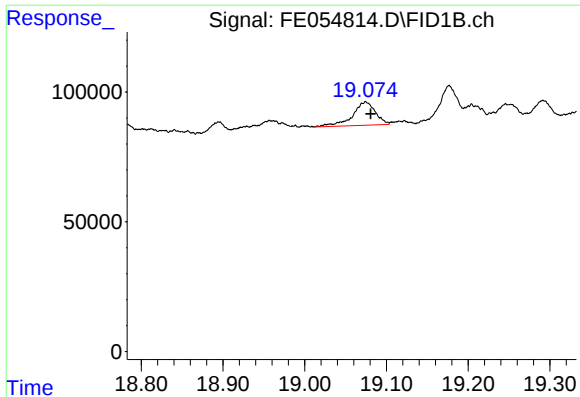
#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: -0.006 min
Response: 86824
Conc: 0.60 ug/ml



#17 n-Tricontane (C30)

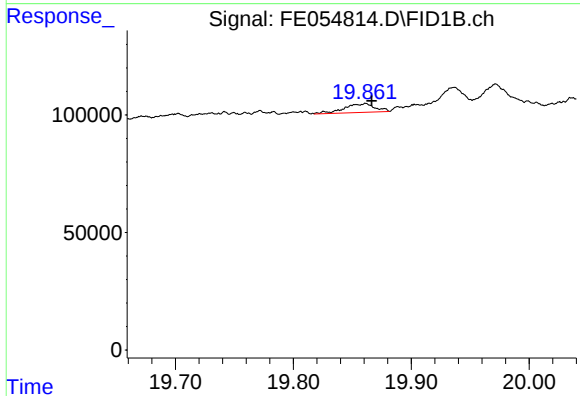
R.T.: 18.243 min
Delta R.T.: -0.003 min
Response: 157088
Conc: 1.00 ug/ml



#18 n-Dotriacontane (C32)

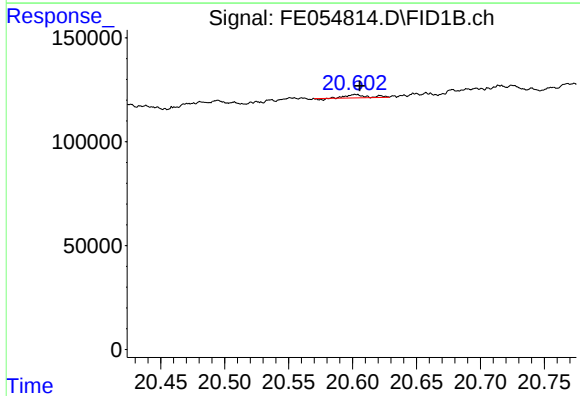
R.T.: 19.075 min
Delta R.T.: -0.006 min
Response: 175351
Conc: 1.08 ug/ml

Instrument :
FID_E
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ARS20-0030



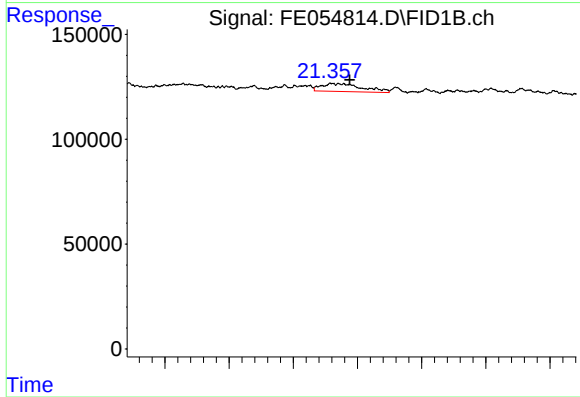
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 68040
Conc: 0.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.602 min
Delta R.T.: -0.003 min
Response: 15934
Conc: 0.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: -0.017 min
Response: 167743
Conc: 1.43 ug/ml