

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054787.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 18:54
 Operator : YP\AJ
 Sample : Q2542-01D
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-245

Integration File: autoint1.e
 Quant Time: Jul 11 06:29:47 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	4979199	30.661 ug/ml
Spiked Amount 50.000		Recovery =	61.32%
12) S 1-chlorooctadecane (S...	13.520	3979706	31.511 ug/ml
Spiked Amount 50.000		Recovery =	63.02%
Target Compounds			
10) T n-Eicosane (C20)	13.069	35809	0.249 ug/ml
11) T n-Heneicosane (C21)	13.709	34556	0.242 ug/ml
13) T n-Docosane (C22)	14.273	28096	0.197 ug/ml
14) T n-Tetracosane (C24)	15.370	197285	1.357 ug/ml
15) T n-Hexacosane (C26)	16.404	68710	0.475 ug/ml
16) T n-Octacosane (C28)	17.356	145923	1.001 ug/ml
17) T n-Tricontane (C30)	18.244	339615	2.155 ug/ml
18) T n-Dotriacontane (C32)	19.079	754231	4.662 ug/ml
19) T n-Tetratriacontane (C34)	19.864	488064	3.203 ug/ml
20) T n-Hexatriacontane (C36)	20.607	422648	3.143 ug/ml
21) T n-Octatriacontane (C38)	21.378	658513	5.615 ug/ml
22) T n-Tetracontane (C40)	22.377	126148	1.164 ug/ml

(f)=RT Delta > 1/2 Window

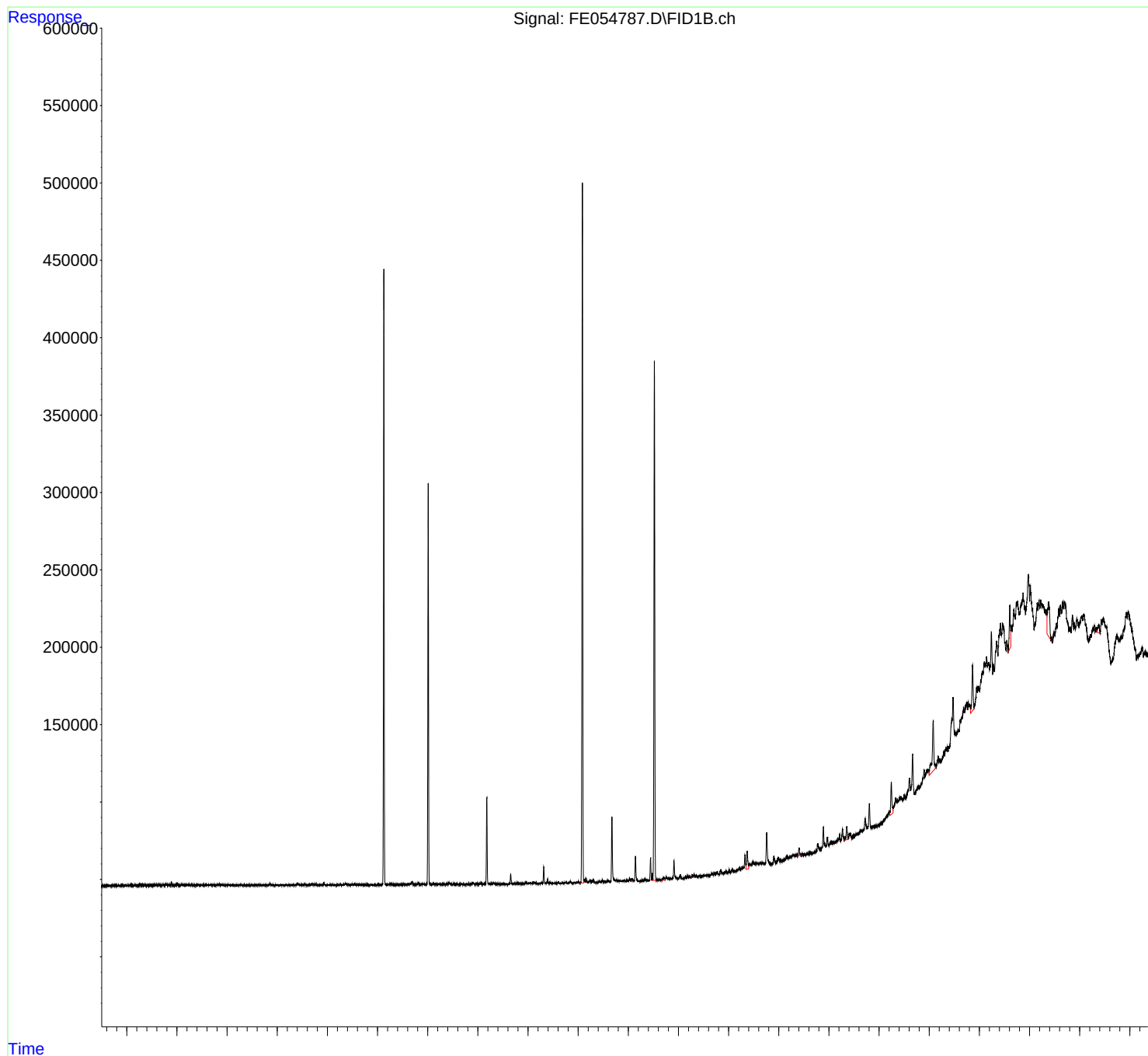
(m)=manual int.

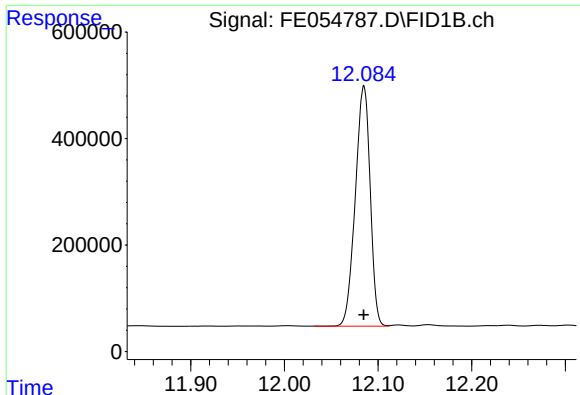
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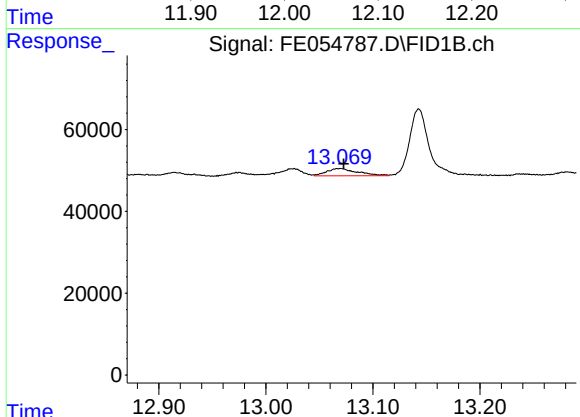




#9 ortho-Terphenyl (SURR)

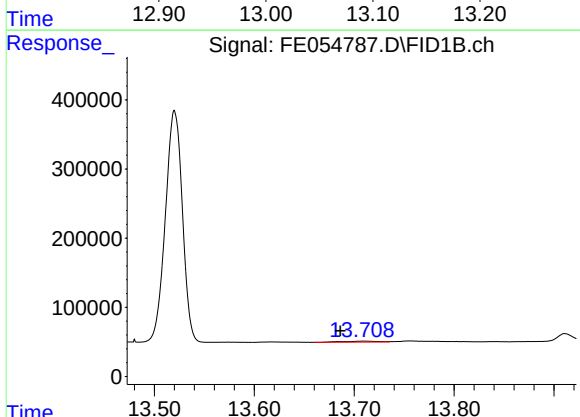
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 4979199
Conc: 30.66 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245



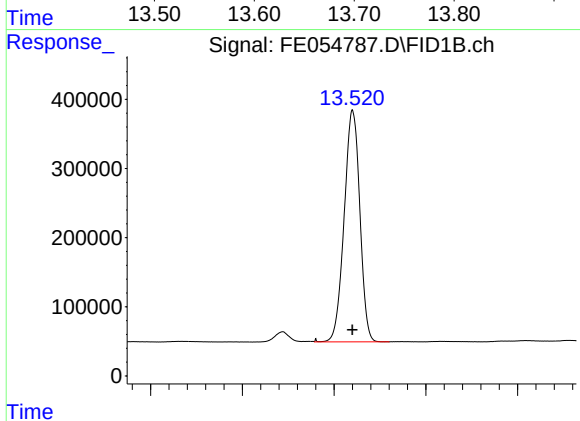
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 35809
Conc: 0.25 ug/ml



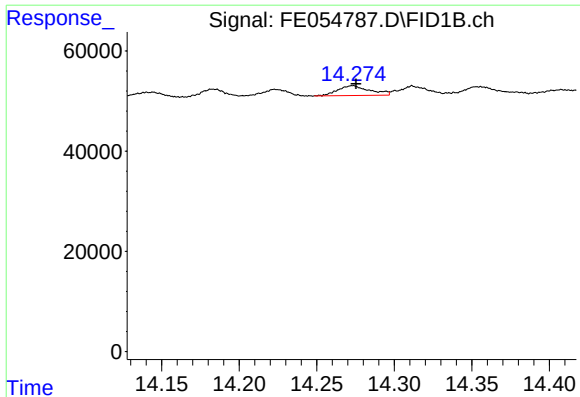
#11 n-Heneicosane (C21)

R.T.: 13.709 min
Delta R.T.: 0.023 min
Response: 34556
Conc: 0.24 ug/ml



#12 1-chlorooctadecane (SURR)

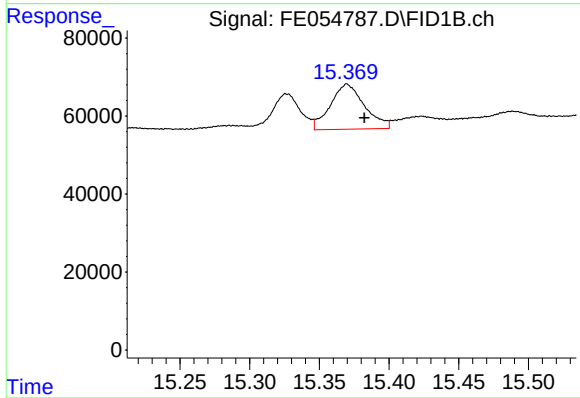
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 3979706
Conc: 31.51 ug/ml



#13 n-Docosane (C22)

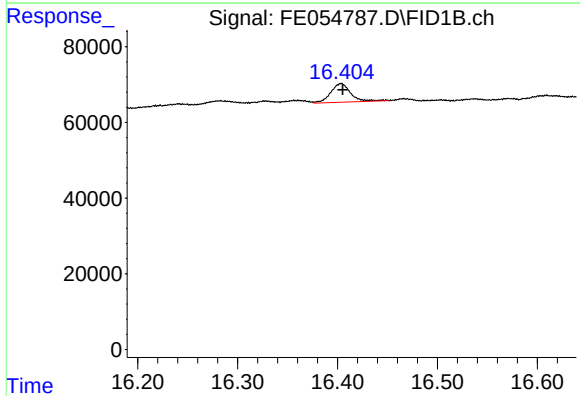
R.T.: 14.273 min
Delta R.T.: -0.003 min
Response: 28096
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245



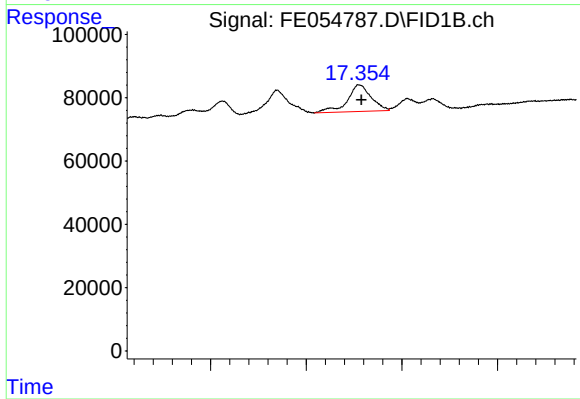
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.012 min
Response: 197285
Conc: 1.36 ug/ml



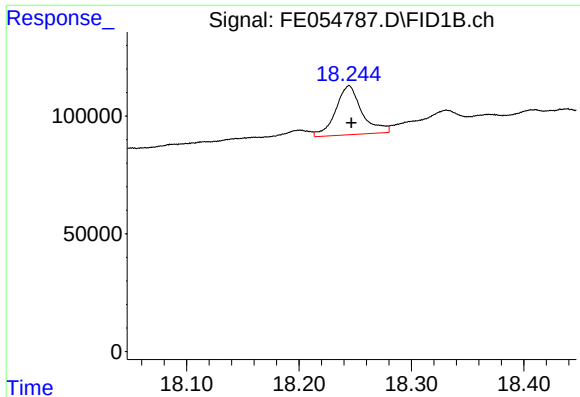
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: -0.002 min
Response: 68710
Conc: 0.47 ug/ml



#16 n-Octacosane (C28)

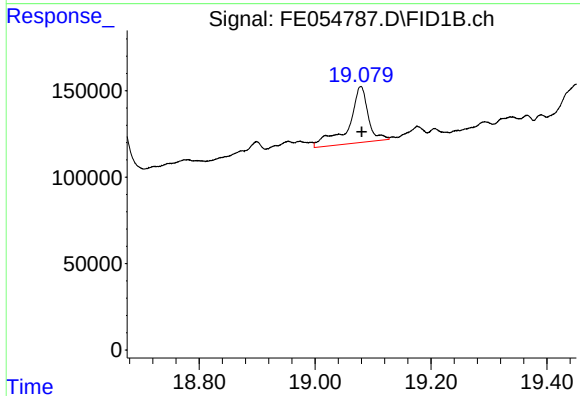
R.T.: 17.356 min
Delta R.T.: -0.002 min
Response: 145923
Conc: 1.00 ug/ml



#17 n-Tricontane (C30)

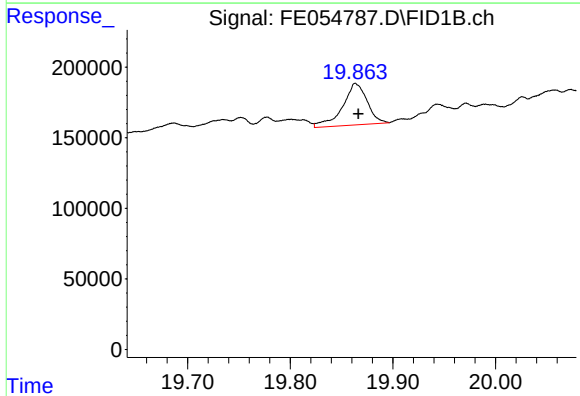
R.T.: 18.244 min
Delta R.T.: -0.002 min
Response: 339615
Conc: 2.16 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245



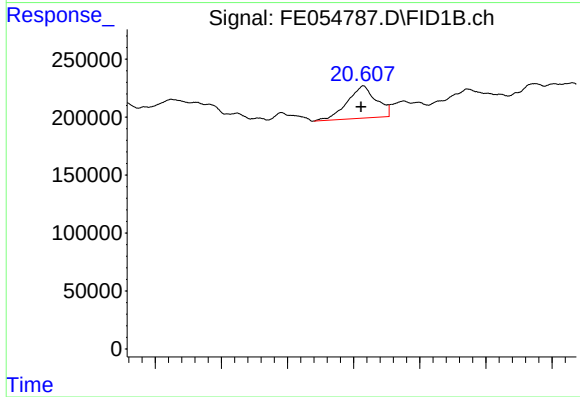
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 754231
Conc: 4.66 ug/ml



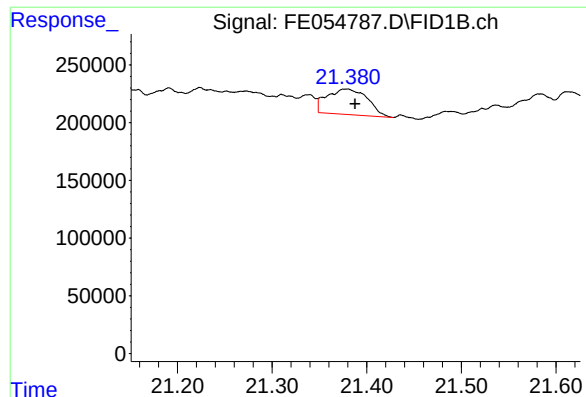
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.002 min
Response: 488064
Conc: 3.20 ug/ml



#20 n-Hexatriacontane (C36)

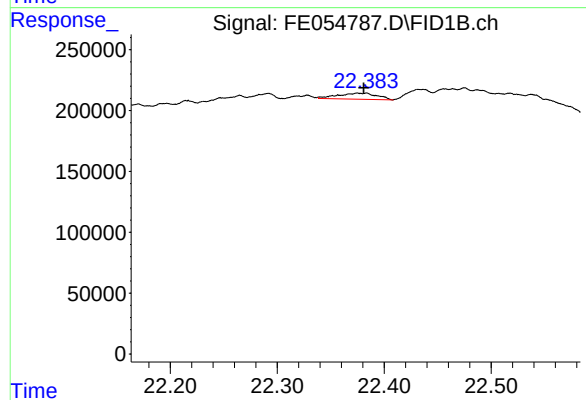
R.T.: 20.607 min
Delta R.T.: 0.002 min
Response: 422648
Conc: 3.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: -0.009 min
Response: 658513
Conc: 5.61 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245



#22 n-Tetracontane (C40)

R.T.: 22.377 min
Delta R.T.: -0.004 min
Response: 126148
Conc: 1.16 ug/ml