

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054786.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 18:24
 Operator : YP\AJ
 Sample : Q2542-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-245

Integration File: autoint1.e
 Quant Time: Jul 11 06:29:33 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)	12.084	4921578	30.306 ug/ml
Spiked Amount 50.000		Recovery =	60.61%
12) S 1-chlorooctadecane (S...	13.520	3909721	30.957 ug/ml
Spiked Amount 50.000		Recovery =	61.91%
Target Compounds			
10) T n-Eicosane (C20)	13.070	36709	0.255 ug/ml
11) T n-Heneicosane (C21)	13.710	25174	0.176 ug/ml
13) T n-Docosane (C22)	14.273	47803	0.335 ug/ml
14) T n-Tetracosane (C24)	15.369	190791	1.313 ug/ml
15) T n-Hexacosane (C26)	16.404	213632	1.476 ug/ml
16) T n-Octacosane (C28)	17.358	170408	1.169 ug/ml
17) T n-Tricontane (C30)	18.246	405030	2.570 ug/ml
18) T n-Dotriacontane (C32)	19.079	943935	5.834 ug/ml
19) T n-Tetratriacontane (C34)	19.865	847872	5.564 ug/ml
20) T n-Hexatriacontane (C36)	20.603	423960	3.153 ug/ml
21) T n-Octatriacontane (C38)	21.387	390123	3.326 ug/ml
22) T n-Tetracontane (C40)	22.352	538904	4.972 ug/ml

(f)=RT Delta > 1/2 Window

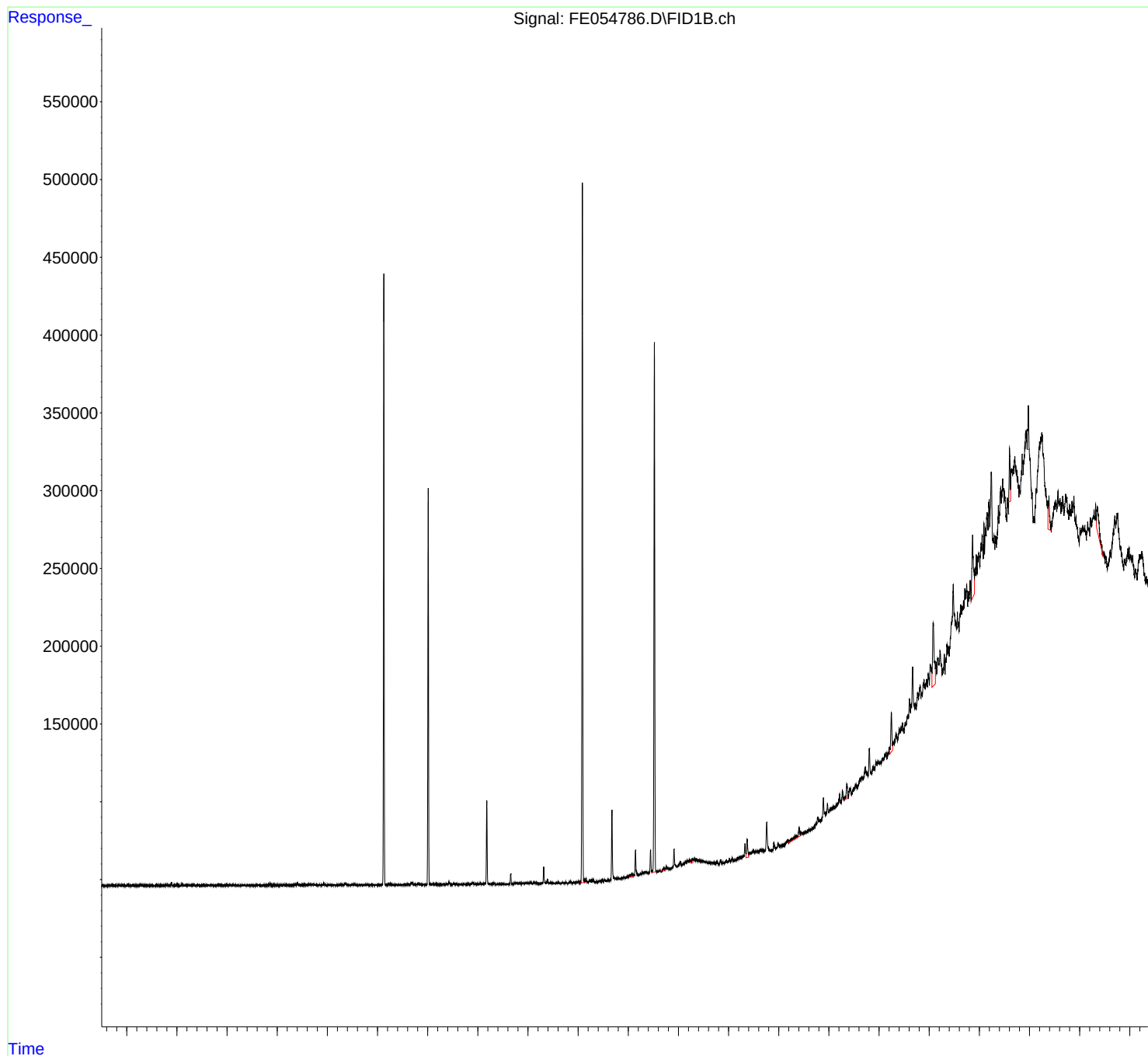
(m)=manual int.

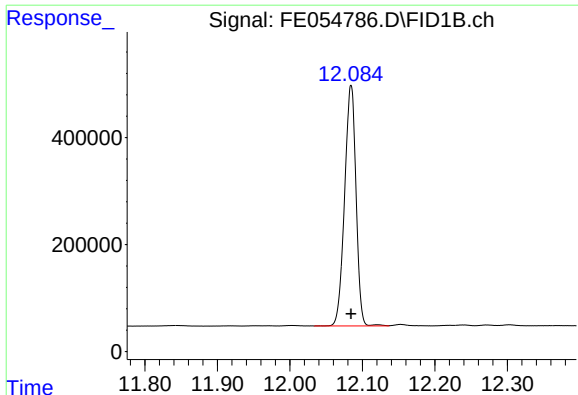
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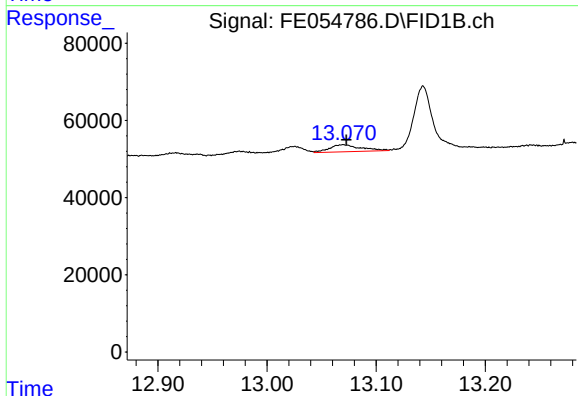




#9 ortho-Terphenyl (SURR)

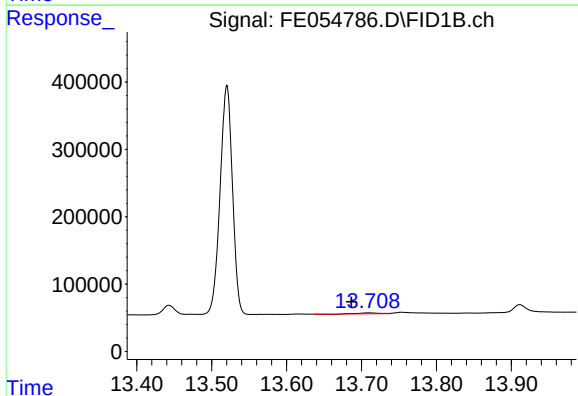
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 4921578
Conc: 30.31 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245



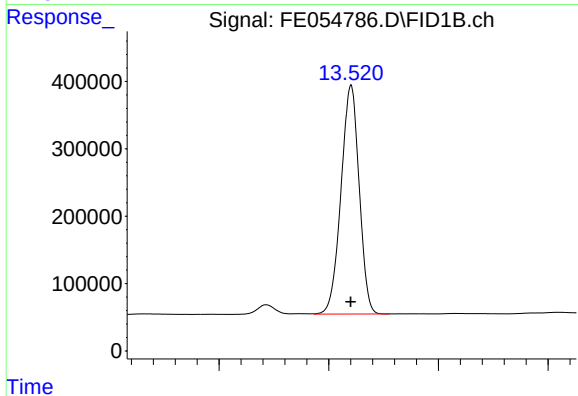
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: -0.003 min
Response: 36709
Conc: 0.26 ug/ml



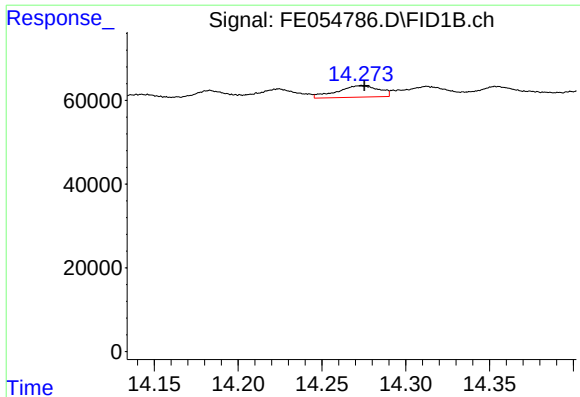
#11 n-Heneicosane (C21)

R.T.: 13.710 min
Delta R.T.: 0.023 min
Response: 25174
Conc: 0.18 ug/ml



#12 1-chlorooctadecane (SURR)

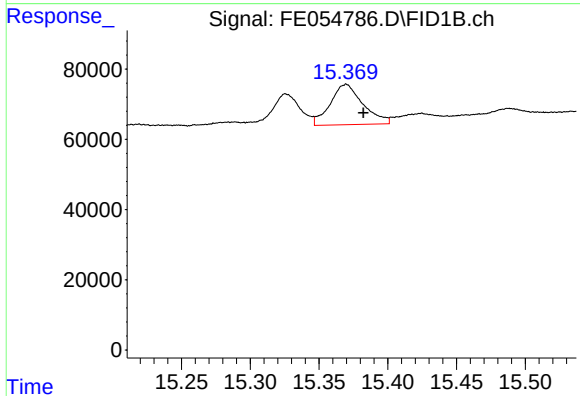
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 3909721
Conc: 30.96 ug/ml



#13 n-Docosane (C22)

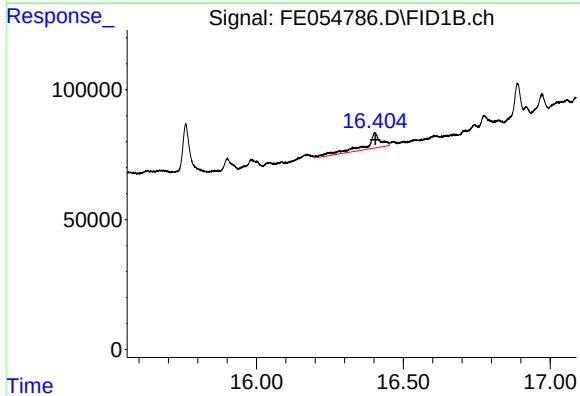
R.T.: 14.273 min
Delta R.T.: -0.002 min
Response: 47803
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245



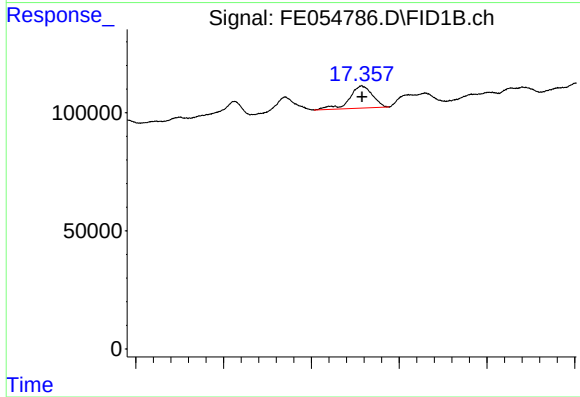
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.013 min
Response: 190791
Conc: 1.31 ug/ml



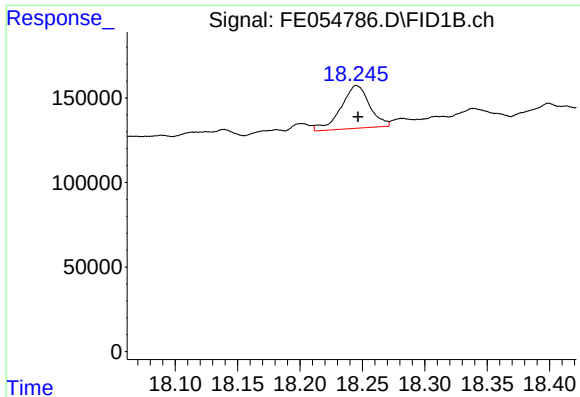
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: -0.002 min
Response: 213632
Conc: 1.48 ug/ml



#16 n-Octacosane (C28)

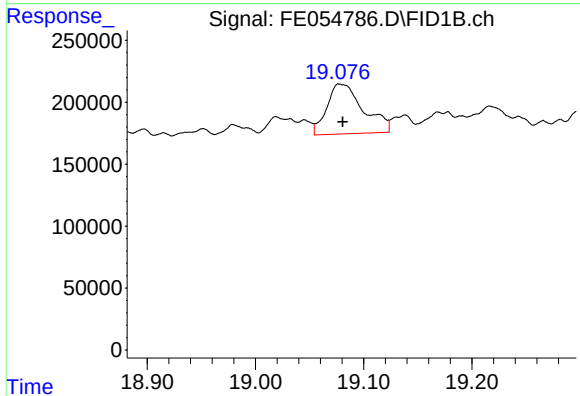
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 170408
Conc: 1.17 ug/ml



#17 n-Tricontane (C30)

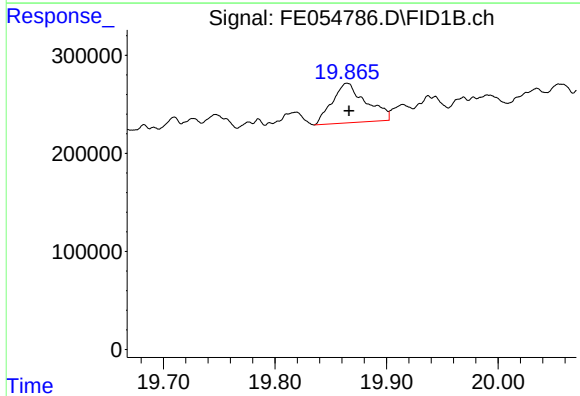
R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 405030
Conc: 2.57 ug/ml

Instrument :
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VNJ-245



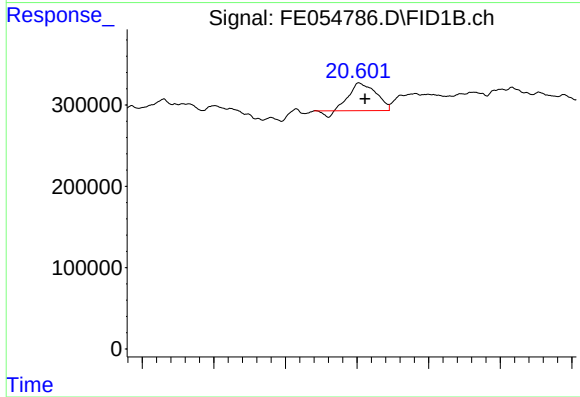
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 943935
Conc: 5.83 ug/ml



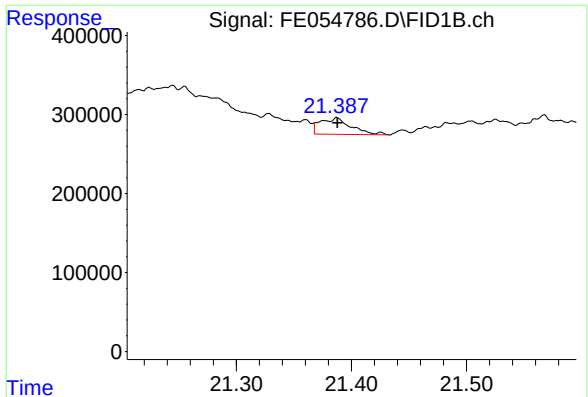
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 847872
Conc: 5.56 ug/ml



#20 n-Hexatriacontane (C36)

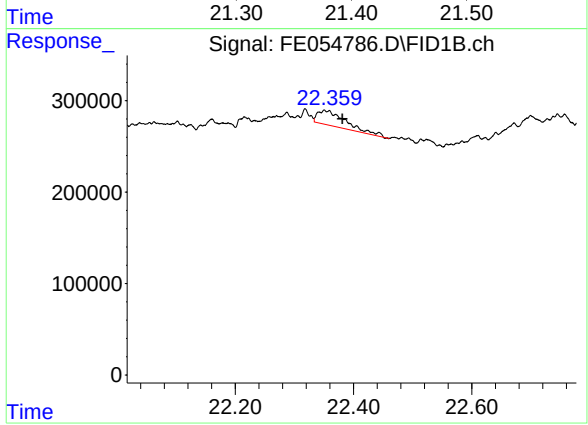
R.T.: 20.603 min
Delta R.T.: -0.003 min
Response: 423960
Conc: 3.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.387 min
Delta R.T.: 0.000 min
Response: 390123
Conc: 3.33 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245



#22 n-Tetracontane (C40)

R.T.: 22.352 min
Delta R.T.: -0.029 min
Response: 538904
Conc: 4.97 ug/ml