

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054796.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 23:29
 Operator : YP\AJ
 Sample : Q2551-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-204-EPH

Integration File: autoint1.e
 Quant Time: Jul 11 06:31:53 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	4775824	29.409 ug/ml
Spiked Amount 50.000		Recovery =	58.82%
12) S 1-chlorooctadecane (S...	13.520	3783029	29.954 ug/ml
Spiked Amount 50.000		Recovery =	59.91%
Target Compounds			
6) T n-Tetradecane (C14)	8.687	38033	0.274 ug/ml
13) T n-Docosane (C22)	14.272	11595	0.081 ug/ml
14) T n-Tetracosane (C24)	15.368	148026	1.018 ug/ml
15) T n-Hexacosane (C26)	16.402	33172	0.229 ug/ml
16) T n-Octacosane (C28)	17.366	76868	0.527 ug/ml
17) T n-Tricontane (C30)	18.243	107813	0.684 ug/ml
18) T n-Dotriacontane (C32)	19.078	154606	0.956 ug/ml
19) T n-Tetratriacontane (C34)	19.864	84055	0.552 ug/ml
20) T n-Hexatriacontane (C36)	20.602	33782	0.251 ug/ml
21) T n-Octatriacontane (C38)	21.375	527116	4.494 ug/ml
22) T n-Tetracontane (C40)	22.396	203126	1.874 ug/ml

(f)=RT Delta > 1/2 Window

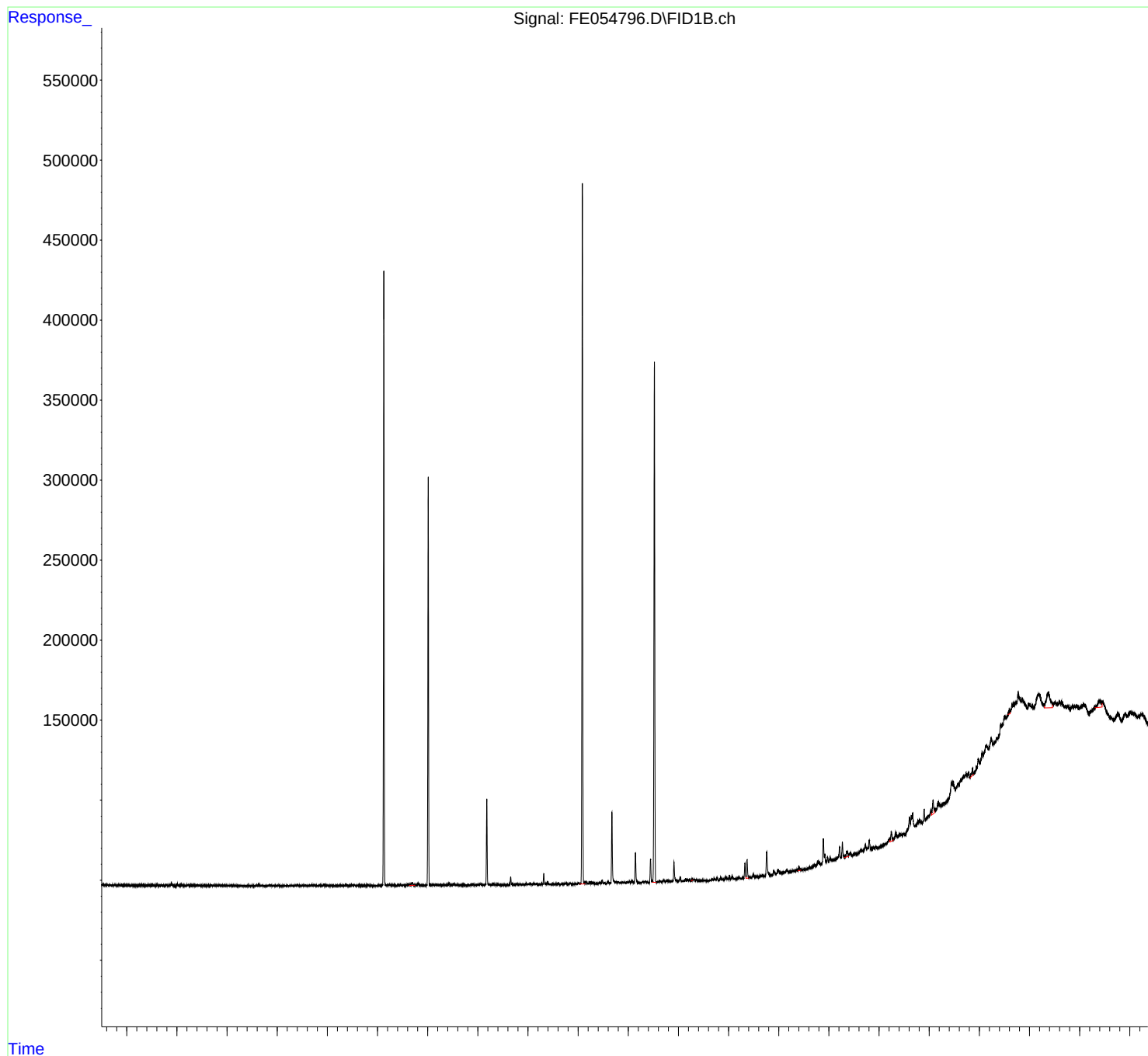
(m)=manual int.

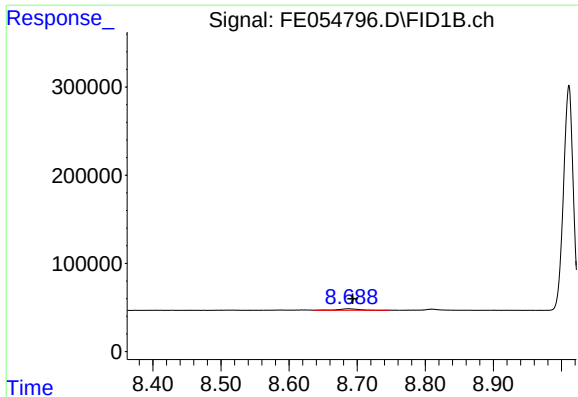
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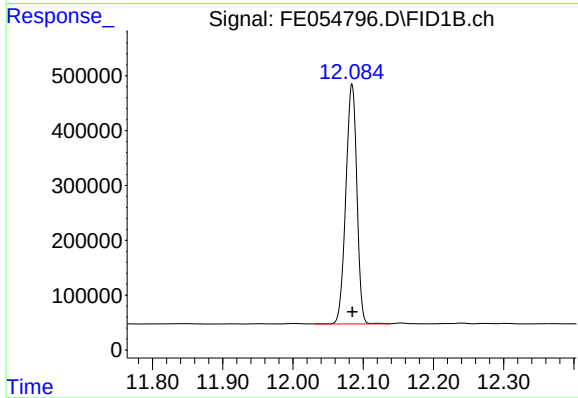




#6 n-Tetradecane (C14)

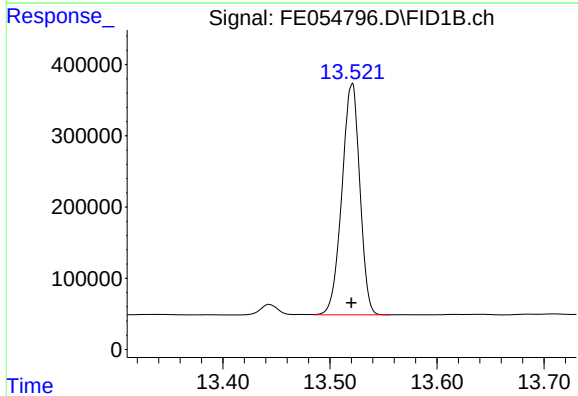
R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 38033
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-204-EPH



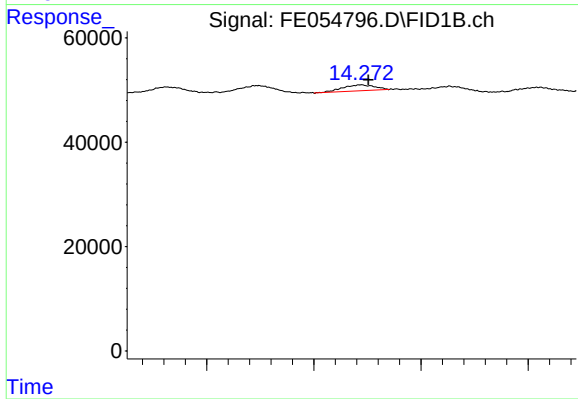
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 4775824
Conc: 29.41 ug/ml



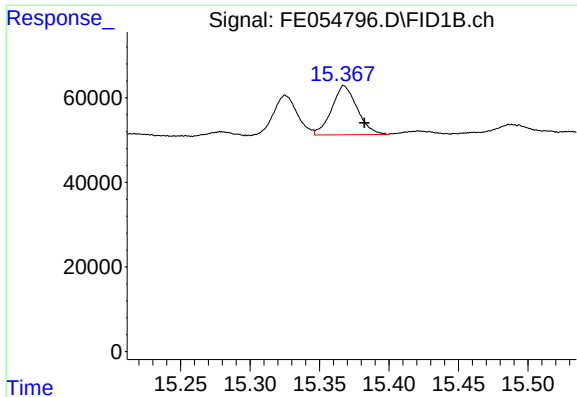
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 3783029
Conc: 29.95 ug/ml



#13 n-Docosane (C22)

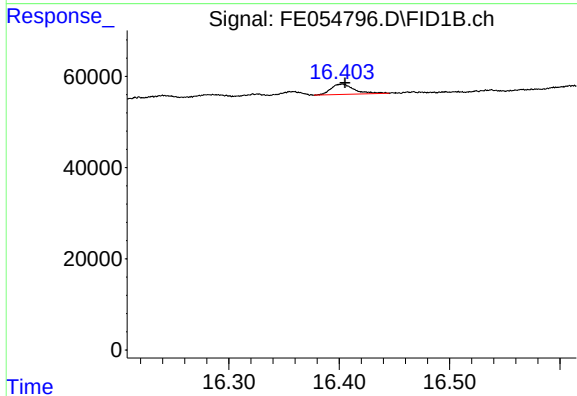
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 11595
Conc: 0.08 ug/ml



#14 n-Tetracosane (C24)

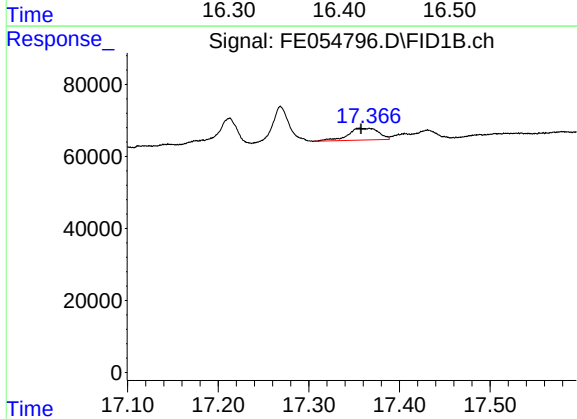
R.T.: 15.368 min
Delta R.T.: -0.014 min
Response: 148026
Conc: 1.02 ug/ml

Instrument :
FID_E
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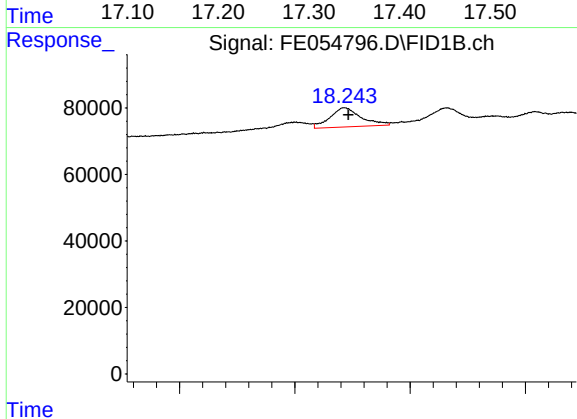
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 33172
Conc: 0.23 ug/ml



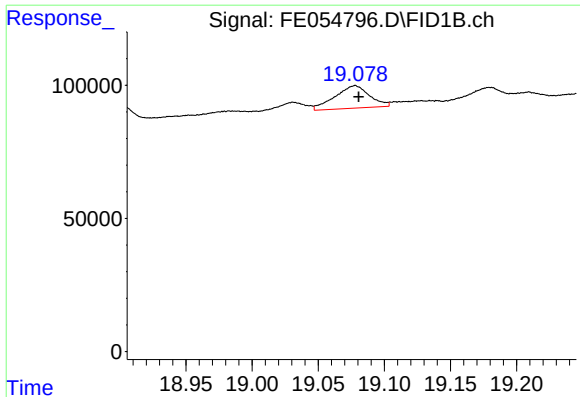
#16 n-Octacosane (C28)

R.T.: 17.366 min
Delta R.T.: 0.009 min
Response: 76868
Conc: 0.53 ug/ml



#17 n-Tricontane (C30)

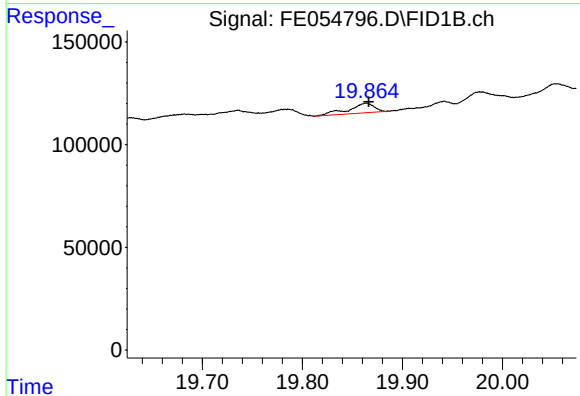
R.T.: 18.243 min
Delta R.T.: -0.003 min
Response: 107813
Conc: 0.68 ug/ml



#18 n-Dotriacontane (C32)

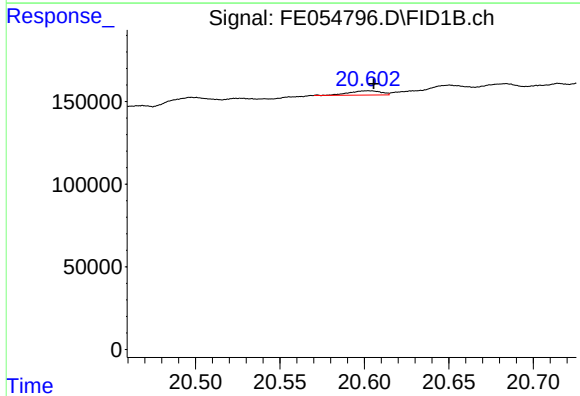
R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 154606
Conc: 0.96 ug/ml

Instrument :
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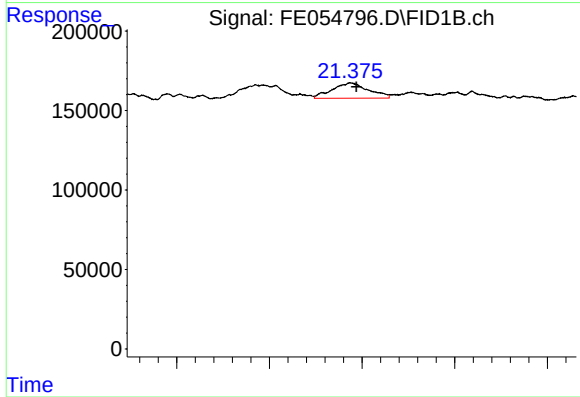
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 84055
Conc: 0.55 ug/ml



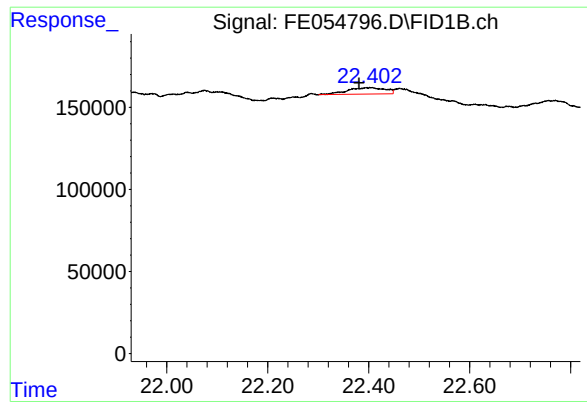
#20 n-Hexatriacontane (C36)

R.T.: 20.602 min
Delta R.T.: -0.003 min
Response: 33782
Conc: 0.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.375 min
Delta R.T.: -0.013 min
Response: 527116
Conc: 4.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.015 min
Response: 203126
Conc: 1.87 ug/ml

Instrument :

FID_E

ClientSampleId :

VNJ-204-EPH