

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055214.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 16:48
 Operator : YP\AJ
 Sample : Q2800-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-222

Integration File: autoint1.e
 Quant Time: Aug 11 02:44:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.677	114802	0.770 ug/ml
Spiked Amount 50.000		Recovery =	1.54%
12) S 1-chlorooctadecane (S...	13.093	278459	2.554 ug/ml
Spiked Amount 50.000		Recovery =	5.11%
Target Compounds			
6) T n-Tetradecane (C14)	8.241f	43959	0.308 ug/ml
7) T n-Hexadecane (C16)	9.902	517658	3.591 ug/ml
10) T n-Eicosane (C20)	12.668	325551	2.471 ug/ml
11) T n-Heneicosane (C21)	13.244	83656	0.656 ug/ml
13) T n-Docosane (C22)	13.844	203824	1.632 ug/ml
14) T n-Tetracosane (C24)	14.956	444360	3.682 ug/ml
15) T n-Hexacosane (C26)	15.965	137165	1.187 ug/ml
16) T n-Octacosane (C28)	16.926	609987	5.442 ug/ml
17) T n-Tricontane (C30)	17.806	154352	1.348 ug/ml
18) T n-Dotriacontane (C32)	18.656	1490291	13.416 ug/ml
19) T n-Tetratriacontane (C34)	19.425	90663	0.890 ug/ml
20) T n-Hexatriacontane (C36)	20.241f	246030	2.759 ug/ml
21) T n-Octatriacontane (C38)	20.978	114535	1.424 ug/ml

(f)=RT Delta > 1/2 Window

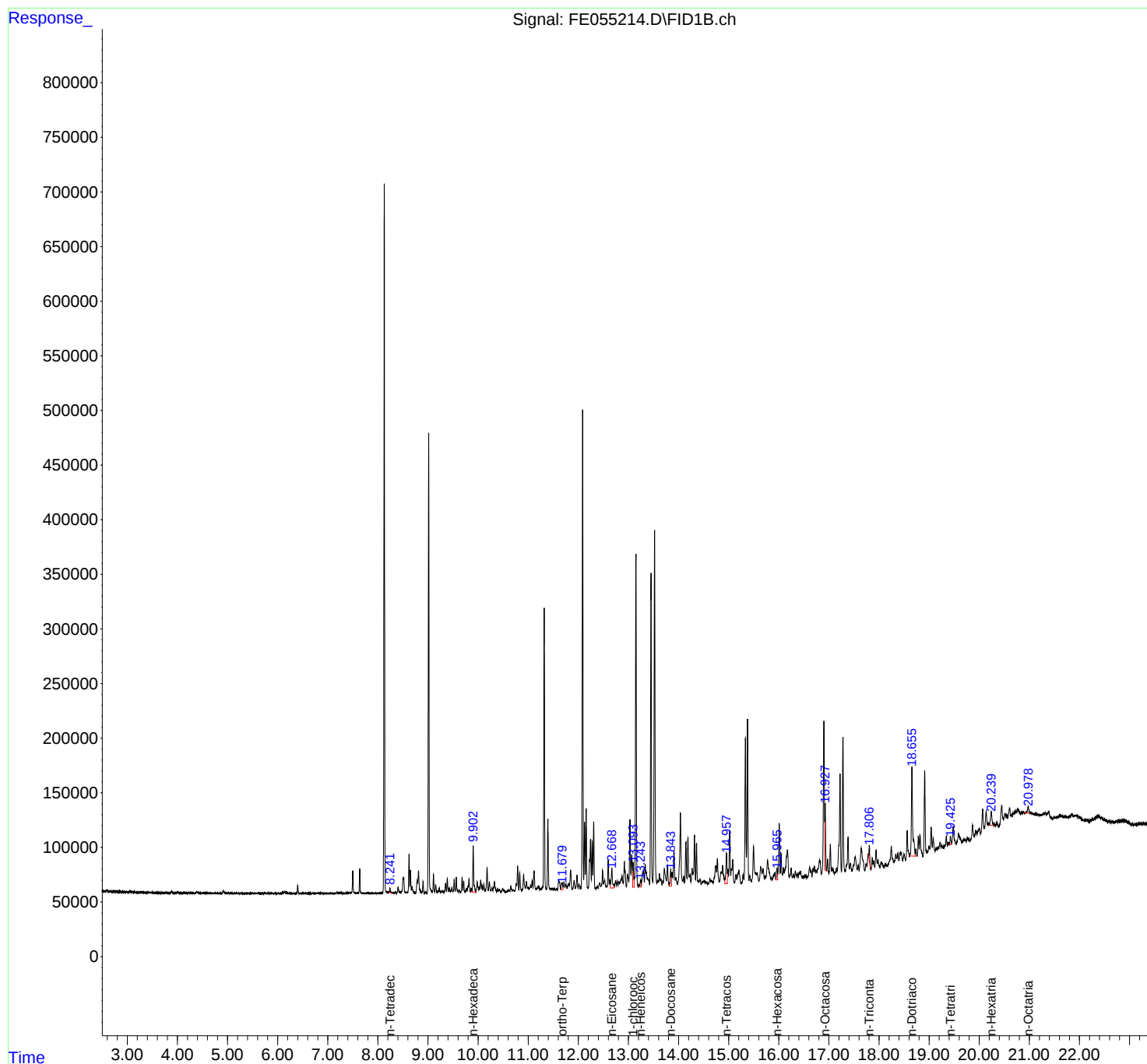
(m)=manual int.

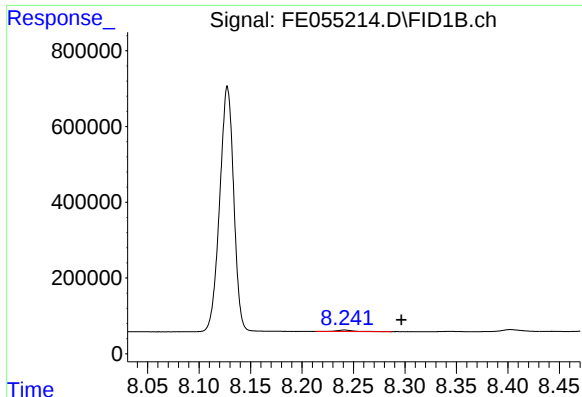
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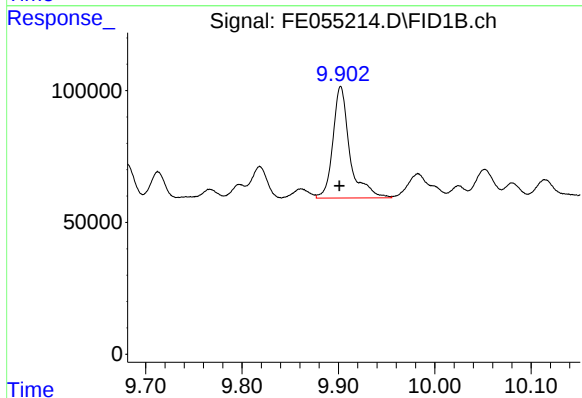




#6 n-Tetradecane (C14)

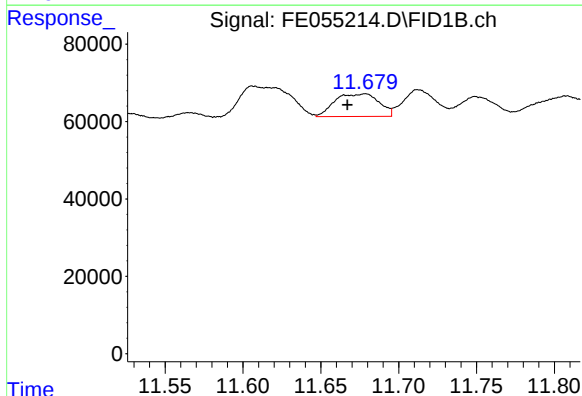
R.T.: 8.241 min
Delta R.T.: -0.055 min
Response: 43959
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-222



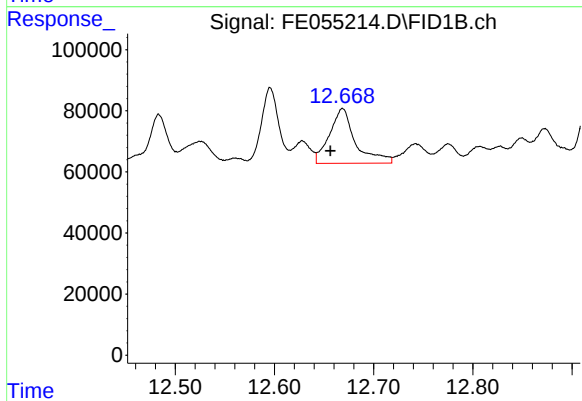
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 517658
Conc: 3.59 ug/ml



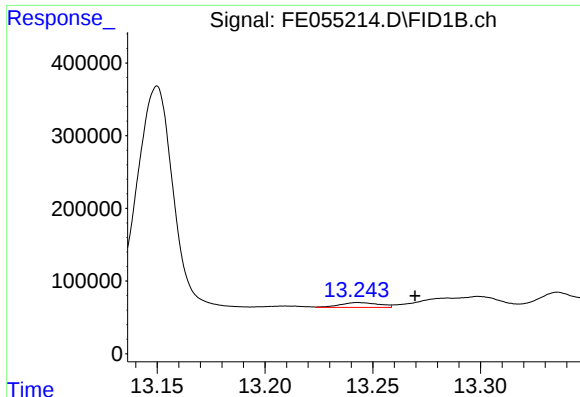
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: 0.010 min
Response: 114802
Conc: 0.77 ug/ml



#10 n-Eicosane (C20)

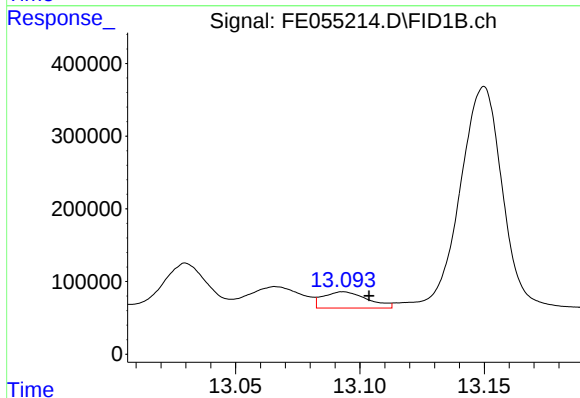
R.T.: 12.668 min
Delta R.T.: 0.012 min
Response: 325551
Conc: 2.47 ug/ml



#11 n-Heneicosane (C21)

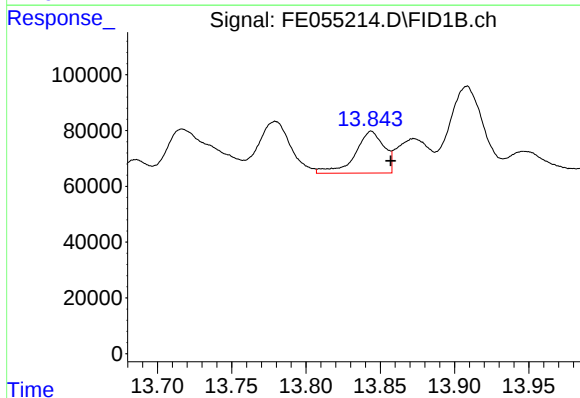
R.T.: 13.244 min
Delta R.T.: -0.026 min
Response: 83656
Conc: 0.66 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-222



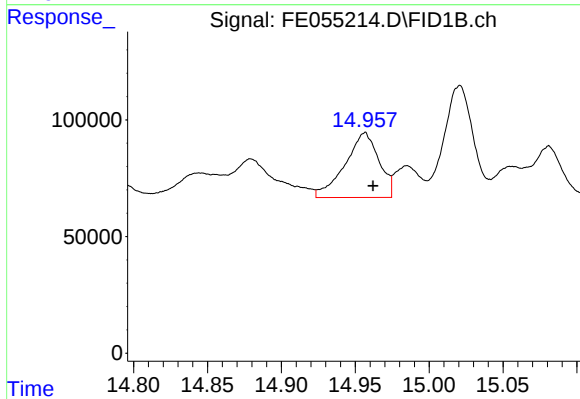
#12 1-chlorooctadecane (SURR)

R.T.: 13.093 min
Delta R.T.: -0.010 min
Response: 278459
Conc: 2.55 ug/ml



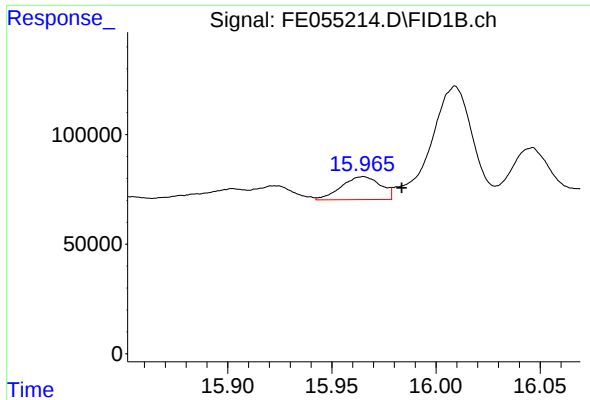
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.013 min
Response: 203824
Conc: 1.63 ug/ml



#14 n-Tetracosane (C24)

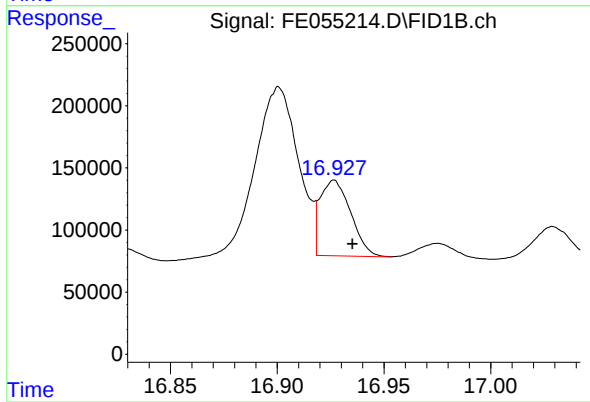
R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 444360
Conc: 3.68 ug/ml



#15 n-Hexacosane (C26)

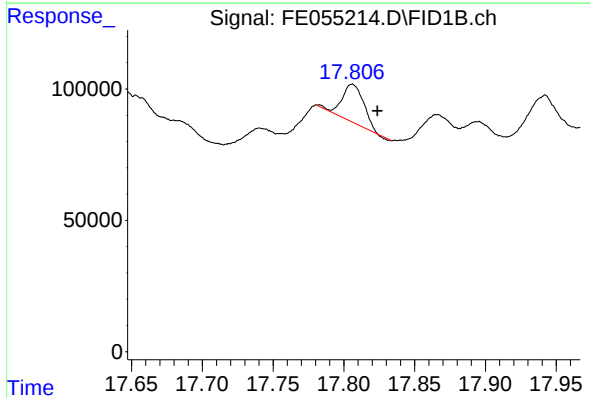
R.T.: 15.965 min
Delta R.T.: -0.019 min
Response: 137165
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-222



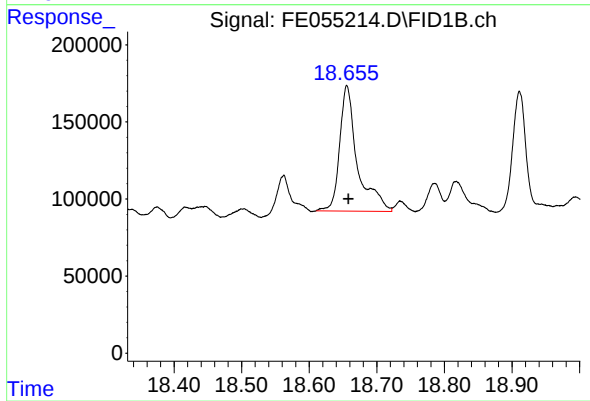
#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: -0.009 min
Response: 609987
Conc: 5.44 ug/ml



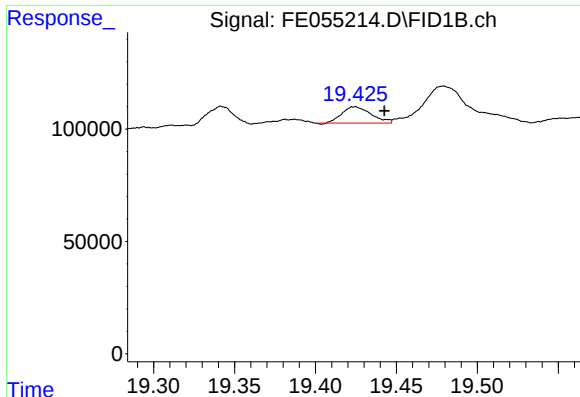
#17 n-Tricontane (C30)

R.T.: 17.806 min
Delta R.T.: -0.018 min
Response: 154352
Conc: 1.35 ug/ml



#18 n-Dotriacontane (C32)

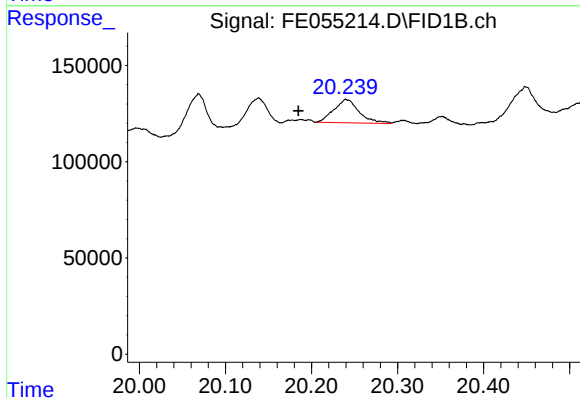
R.T.: 18.656 min
Delta R.T.: -0.002 min
Response: 1490291
Conc: 13.42 ug/ml



#19 n-Tetratriacontane (C34)

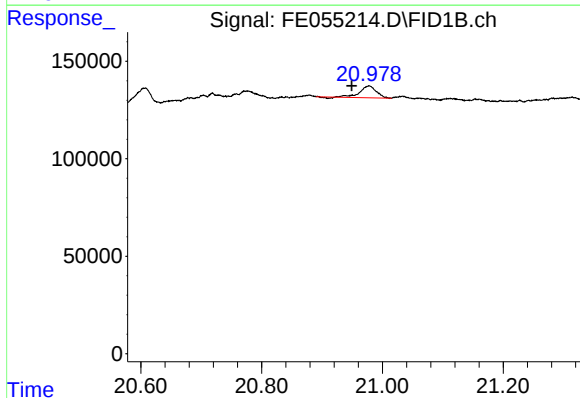
R.T.: 19.425 min
Delta R.T.: -0.018 min
Response: 90663
Conc: 0.89 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-222



#20 n-Hexatriacontane (C36)

R.T.: 20.241 min
Delta R.T.: 0.056 min
Response: 246030
Conc: 2.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.978 min
Delta R.T.: 0.028 min
Response: 114535
Conc: 1.42 ug/ml