

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054526.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 18:22
 Operator : YP\AJ
 Sample : Q2362-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EP-6-EPH

Integration File: autoint1.e
 Quant Time: Jun 20 23:25:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.821	5508721	33.339 ug/ml
Spiked Amount 50.000		Recovery =	66.68%
12) S 1-chlorooctadecane (S...	13.266	4336452	35.560 ug/ml
Spiked Amount 50.000		Recovery =	71.12%
Target Compounds			
6) T n-Tetradecane (C14)	8.450	44014	0.340 ug/ml
7) T n-Hexadecane (C16)	10.062	28212	0.212 ug/ml
8) T n-Octadecane (C18)	11.508	56428	0.418 ug/ml
10) T n-Eicosane (C20)	12.819	70314	0.526 ug/ml
11) T n-Heneicosane (C21)	13.433	47034	0.354 ug/ml
13) T n-Docosane (C22)	14.020	54085	0.412 ug/ml
14) T n-Tetracosane (C24)	15.125	71900	0.557 ug/ml
15) T n-Hexacosane (C26)	16.147	60765	0.484 ug/ml
16) T n-Octacosane (C28)	17.100	80274	0.655 ug/ml
17) T n-Tricontane (C30)	17.987	64305	0.519 ug/ml
18) T n-Dotriacontane (C32)	18.819	77837	0.619 ug/ml
19) T n-Tetratriacontane (C34)	19.610	58477	0.470 ug/ml
20) T n-Hexatriacontane (C36)	20.349	28784	0.224 ug/ml

(f)=RT Delta > 1/2 Window

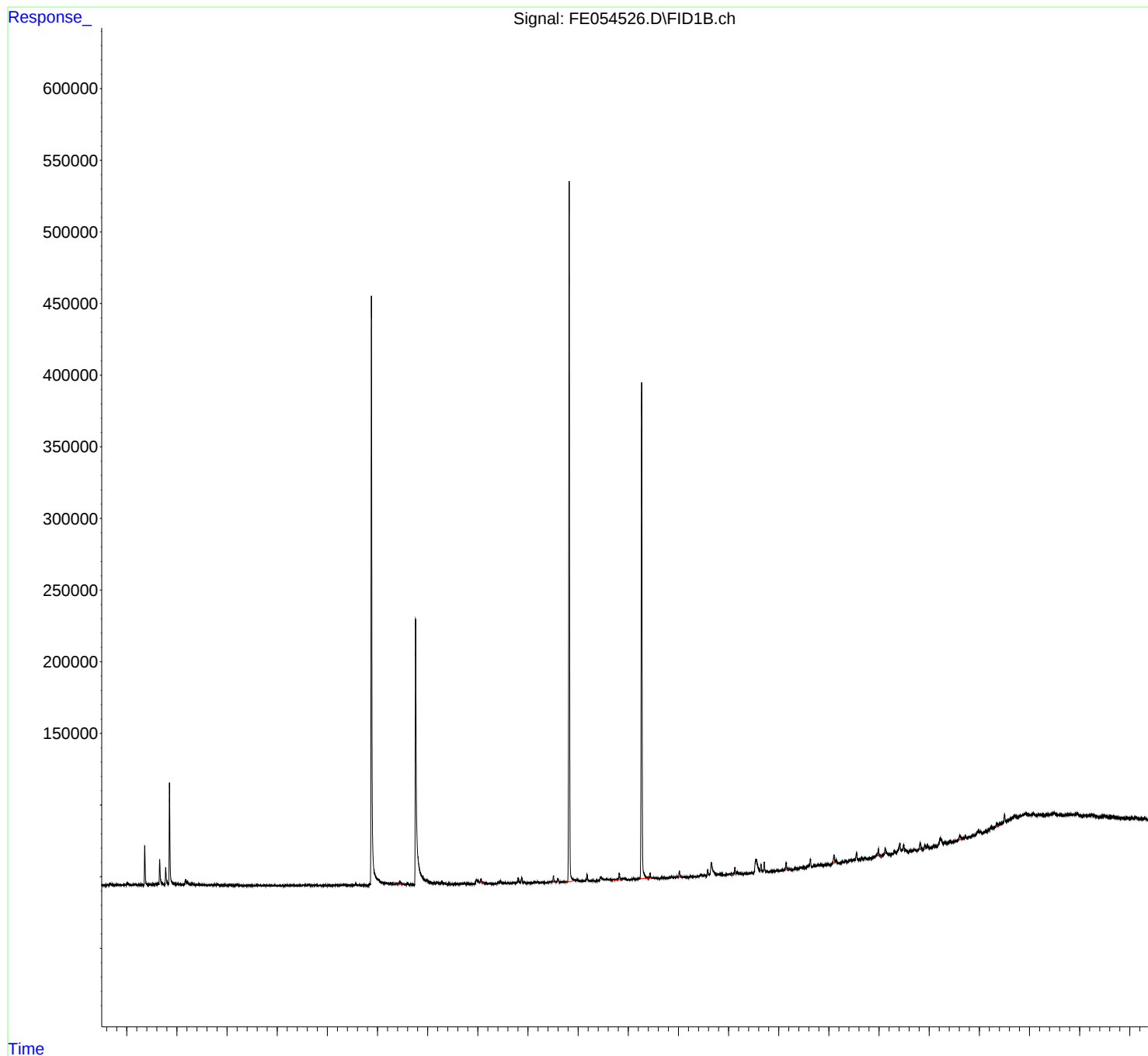
(m)=manual int.

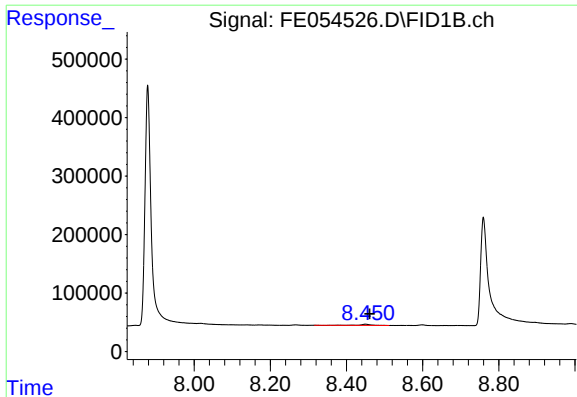
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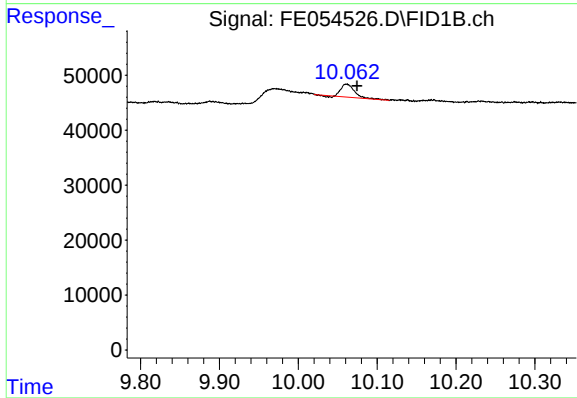




#6 n-Tetradecane (C14)

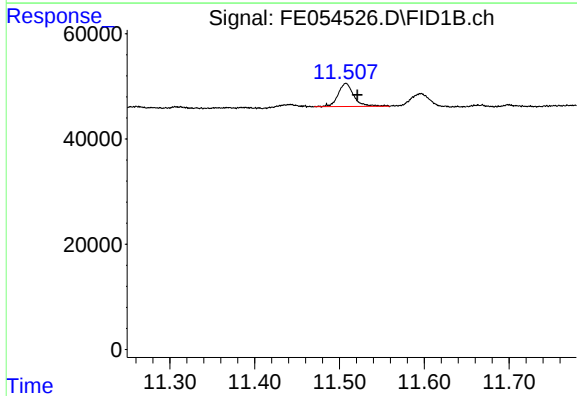
R.T.: 8.450 min
Delta R.T.: -0.011 min
Response: 44014
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-6-EPH



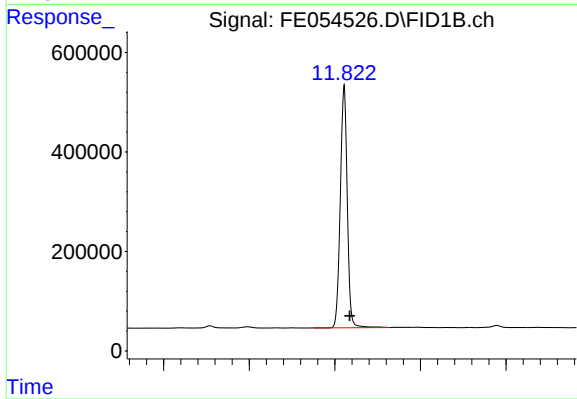
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.013 min
Response: 28212
Conc: 0.21 ug/ml



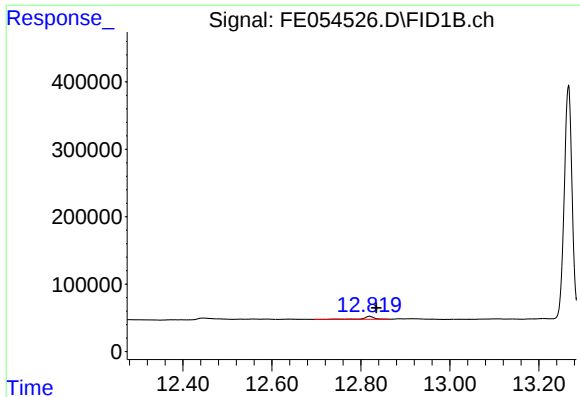
#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.014 min
Response: 56428
Conc: 0.42 ug/ml



#9 ortho-Terphenyl (SURR)

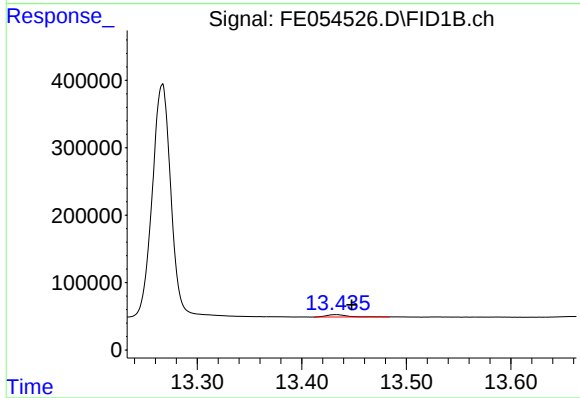
R.T.: 11.821 min
Delta R.T.: -0.013 min
Response: 5508721
Conc: 33.34 ug/ml



#10 n-Eicosane (C20)

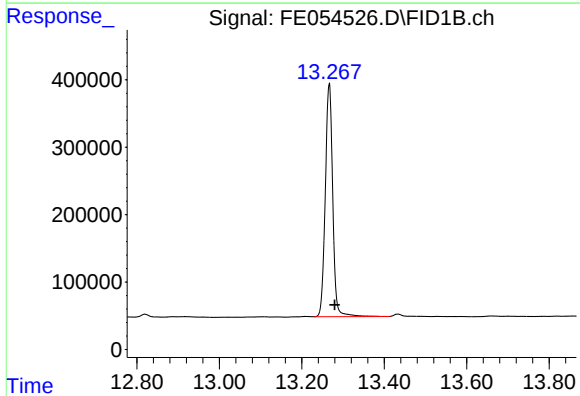
R.T.: 12.819 min
Delta R.T.: -0.015 min
Response: 70314
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-6-EPH



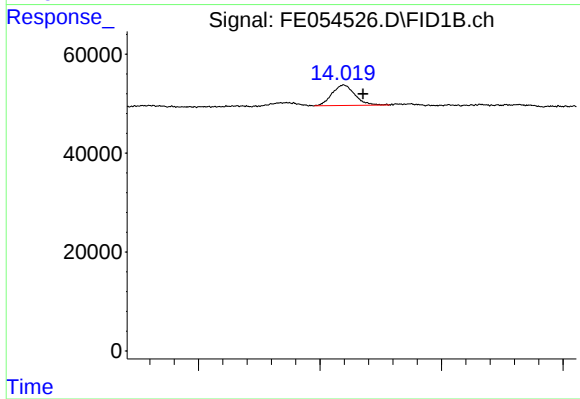
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: -0.015 min
Response: 47034
Conc: 0.35 ug/ml



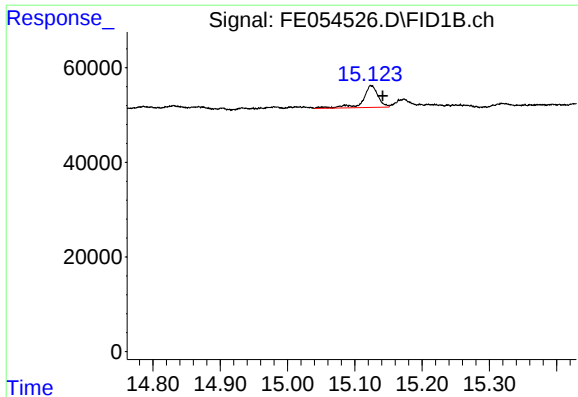
#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: -0.013 min
Response: 4336452
Conc: 35.56 ug/ml



#13 n-Docosane (C22)

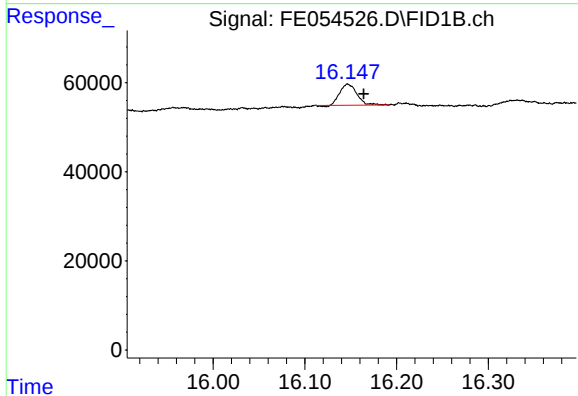
R.T.: 14.020 min
Delta R.T.: -0.016 min
Response: 54085
Conc: 0.41 ug/ml



#14 n-Tetracosane (C24)

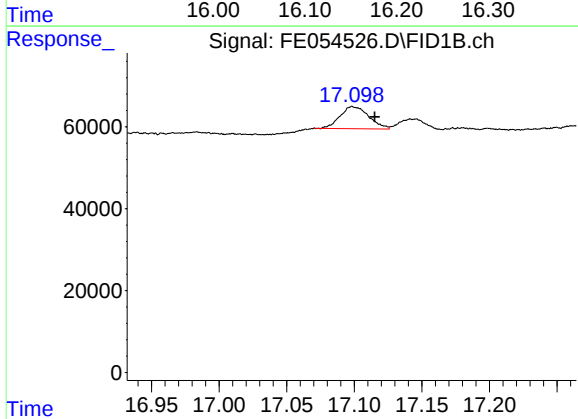
R.T.: 15.125 min
Delta R.T.: -0.017 min
Response: 71900
Conc: 0.56 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-6-EPH



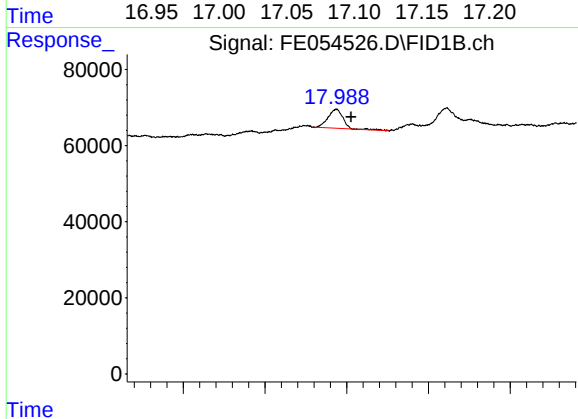
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: -0.017 min
Response: 60765
Conc: 0.48 ug/ml



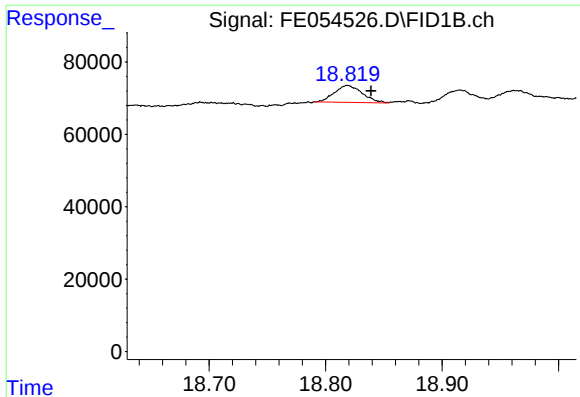
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.016 min
Response: 80274
Conc: 0.65 ug/ml



#17 n-Tricontane (C30)

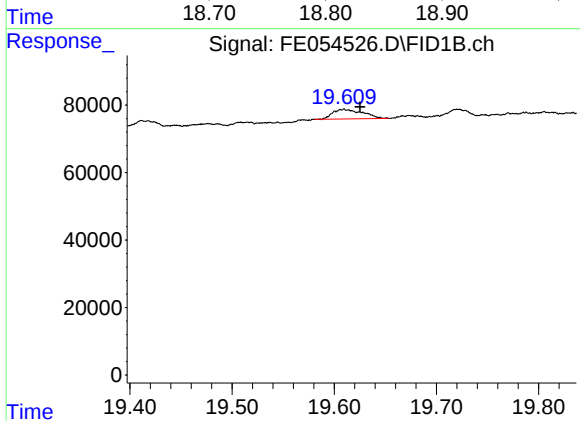
R.T.: 17.987 min
Delta R.T.: -0.018 min
Response: 64305
Conc: 0.52 ug/ml



#18 n-Dotriacontane (C32)

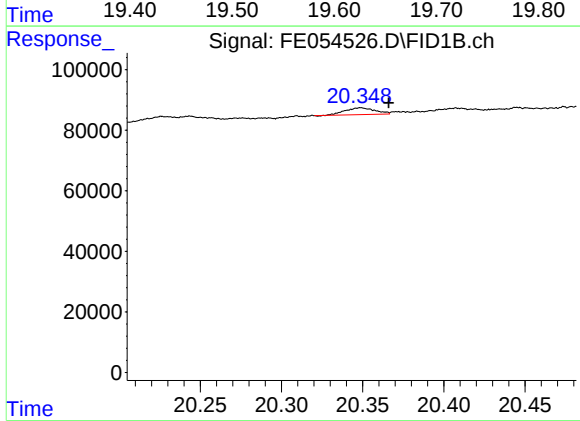
R.T.: 18.819 min
Delta R.T.: -0.020 min
Response: 77837
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-6-EPH



#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.015 min
Response: 58477
Conc: 0.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.017 min
Response: 28784
Conc: 0.22 ug/ml