

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054528.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 19:23
 Operator : YP\AJ
 Sample : Q2367-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EP-4-EPH

Integration File: autoint1.e
 Quant Time: Jun 20 23:26:05 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)	11.822	5794138	35.066 ug/ml
Spiked Amount 50.000		Recovery =	70.13%
12) S 1-chlorooctadecane (S...	13.267	4533013	37.172 ug/ml
Spiked Amount 50.000		Recovery =	74.34%
Target Compounds			
6) T n-Tetradecane (C14)	8.450	87950	0.679 ug/ml
7) T n-Hexadecane (C16)	10.062	56730	0.427 ug/ml
8) T n-Octadecane (C18)	11.508	68693	0.509 ug/ml
10) T n-Eicosane (C20)	12.820	57565	0.430 ug/ml
11) T n-Heneicosane (C21)	13.434	46379	0.349 ug/ml
13) T n-Docosane (C22)	14.020	49935	0.381 ug/ml
14) T n-Tetracosane (C24)	15.125	67572	0.524 ug/ml
15) T n-Hexacosane (C26)	16.148	54781	0.436 ug/ml
16) T n-Octacosane (C28)	17.100	76231	0.622 ug/ml
17) T n-Tricontane (C30)	17.987	54415	0.439 ug/ml
18) T n-Dotriacontane (C32)	18.821	84185	0.670 ug/ml
19) T n-Tetratriacontane (C34)	19.611	115158	0.926 ug/ml
20) T n-Hexatriacontane (C36)	20.348	57105	0.444 ug/ml
21) T n-Octatriacontane (C38)	21.072	71711	0.543 ug/ml

(f)=RT Delta > 1/2 Window

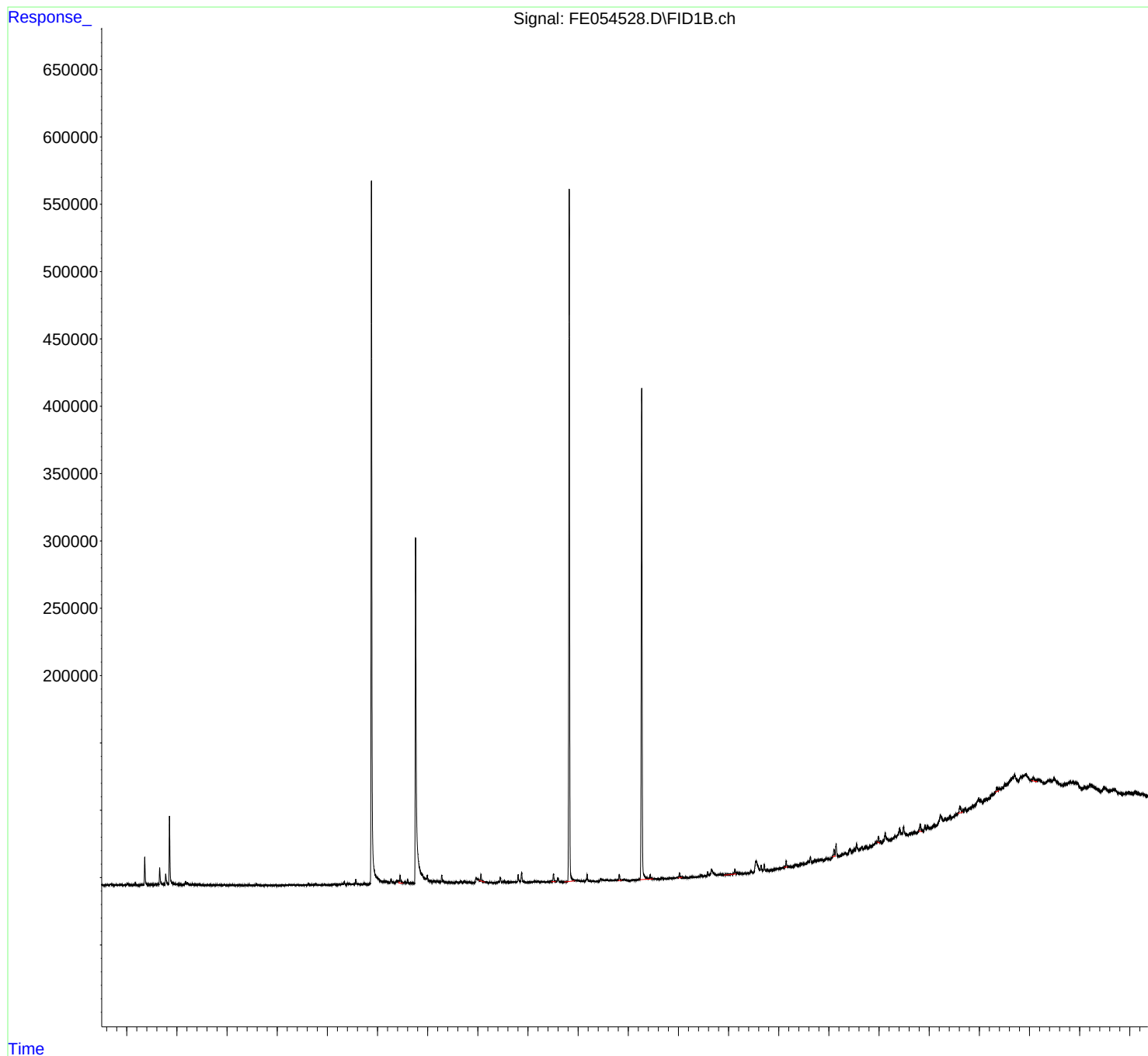
(m)=manual int.

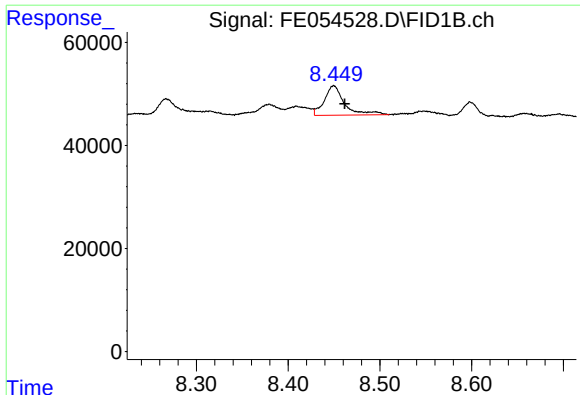
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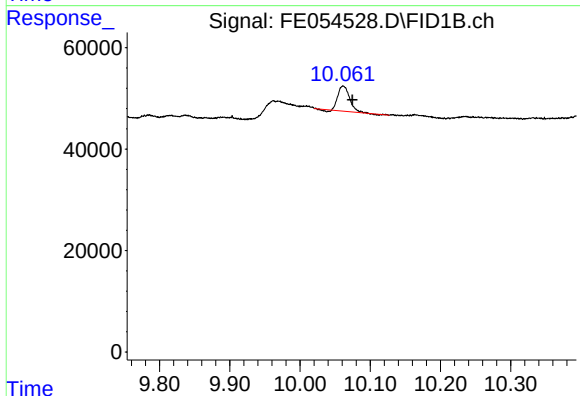




#6 n-Tetradecane (C14)

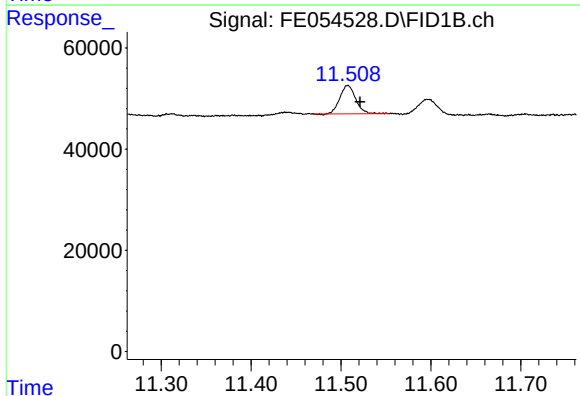
R.T.: 8.450 min
Delta R.T.: -0.012 min
Response: 87950
Conc: 0.68 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-4-EPH



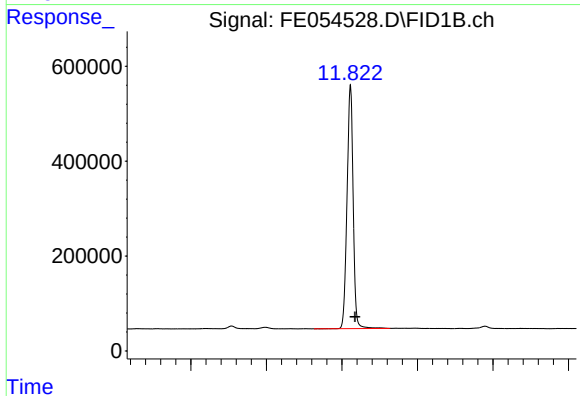
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.013 min
Response: 56730
Conc: 0.43 ug/ml



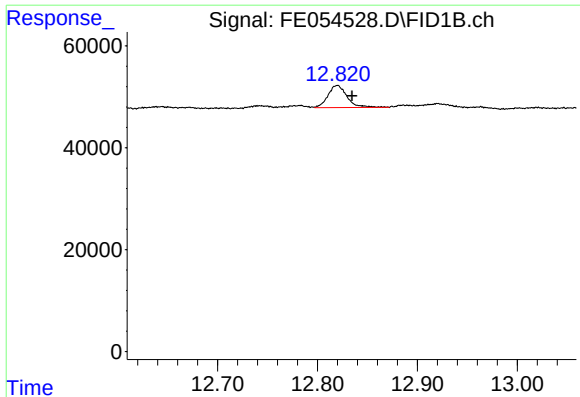
#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.013 min
Response: 68693
Conc: 0.51 ug/ml



#9 ortho-Terphenyl (SURR)

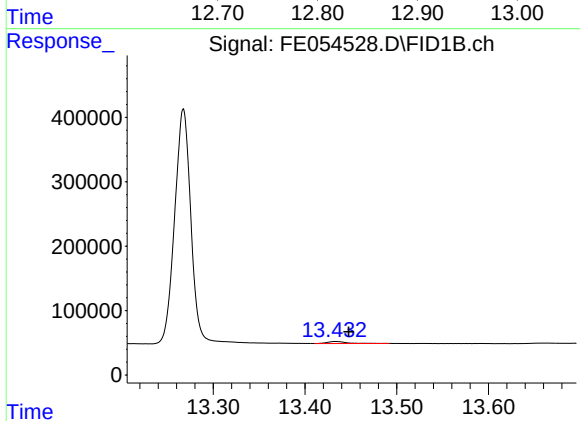
R.T.: 11.822 min
Delta R.T.: -0.013 min
Response: 5794138
Conc: 35.07 ug/ml



#10 n-Eicosane (C20)

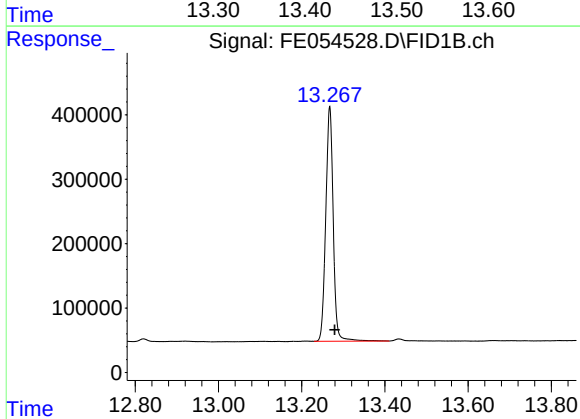
R.T.: 12.820 min
Delta R.T.: -0.015 min
Response: 57565
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-4-EPH



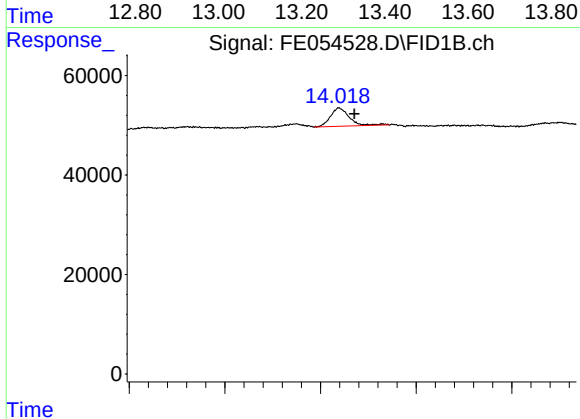
#11 n-Heneicosane (C21)

R.T.: 13.434 min
Delta R.T.: -0.014 min
Response: 46379
Conc: 0.35 ug/ml



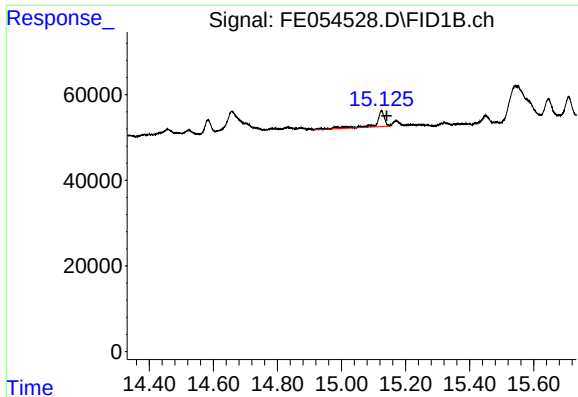
#12 1-chlorooctadecane (SURR)

R.T.: 13.267 min
Delta R.T.: -0.012 min
Response: 4533013
Conc: 37.17 ug/ml



#13 n-Docosane (C22)

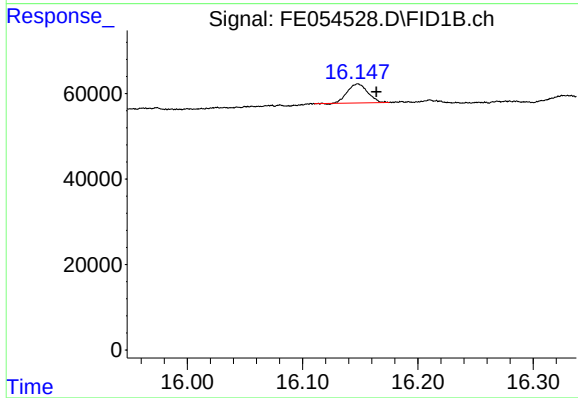
R.T.: 14.020 min
Delta R.T.: -0.016 min
Response: 49935
Conc: 0.38 ug/ml



#14 n-Tetracosane (C24)

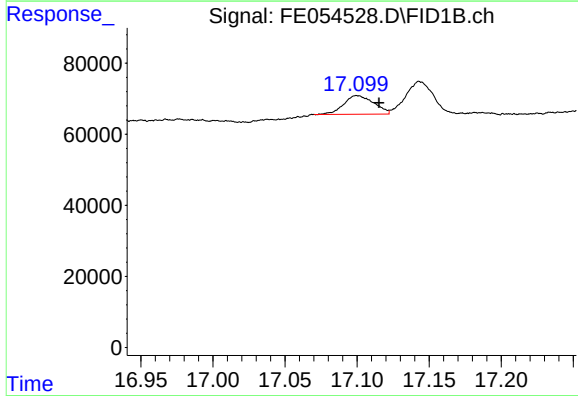
R.T.: 15.125 min
Delta R.T.: -0.016 min
Response: 67572
Conc: 0.52 ug/ml

Instrument :
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EP-4-EPH



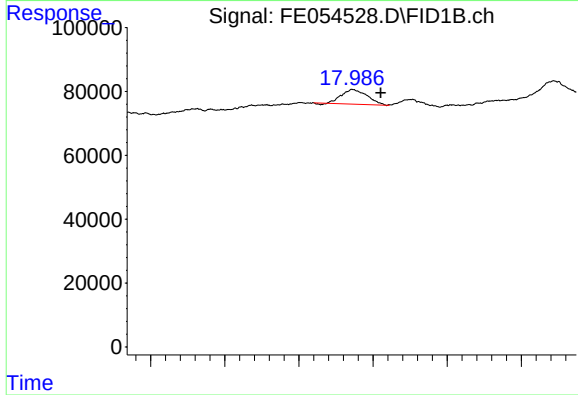
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.016 min
Response: 54781
Conc: 0.44 ug/ml



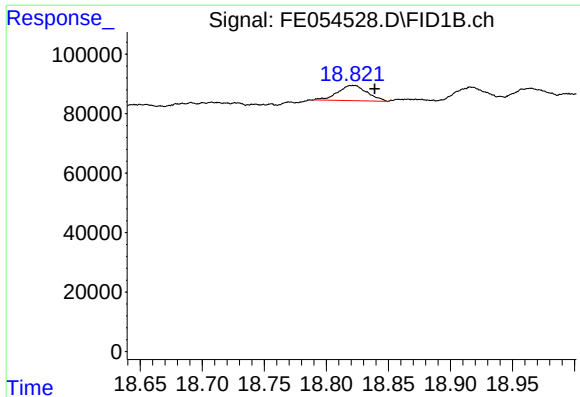
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.015 min
Response: 76231
Conc: 0.62 ug/ml



#17 n-Tricontane (C30)

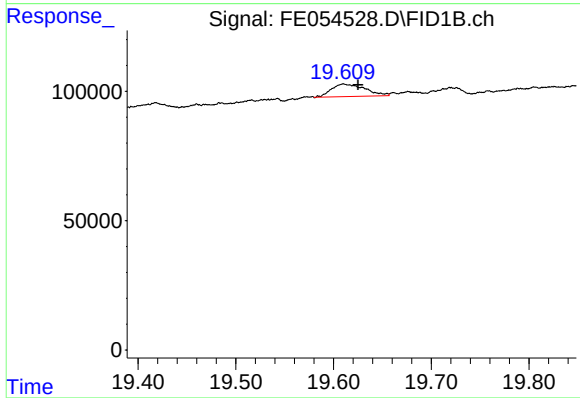
R.T.: 17.987 min
Delta R.T.: -0.018 min
Response: 54415
Conc: 0.44 ug/ml



#18 n-Dotriacontane (C32)

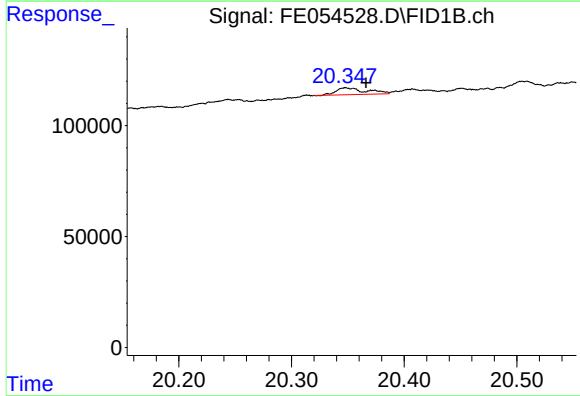
R.T.: 18.821 min
Delta R.T.: -0.018 min
Response: 84185
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :
EP-4-EPH



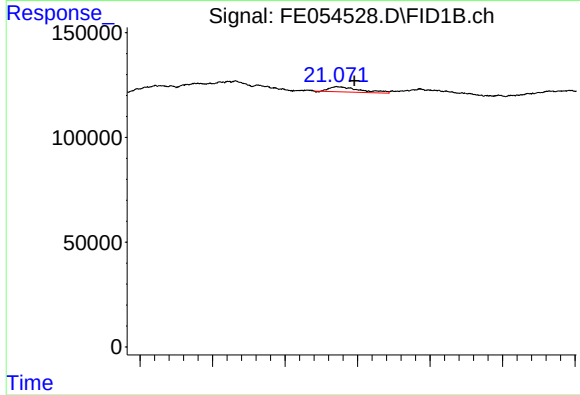
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.015 min
Response: 115158
Conc: 0.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.018 min
Response: 57105
Conc: 0.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.024 min
Response: 71711
Conc: 0.54 ug/ml